

4/25/79- Completed a shut-in gas well

### FILE NOTATIONS

Entered in NLD File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

### COMPLETION DATA:

Date Well Completed 4-25-79

Location Inspected .....

WW..... WW..... TA.....

Bond released

S/GW. ✓... OS..... PA.....

State or Fee Land .....

### LOGS FILED

Driller's Log ..... ✓  
Electric Logs (No.) ..... ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-01195
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR CIG EXPLORATION, INC.			7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201			8. FARM OR LEASE NAME NATURAL BUTTES
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1197' FWL & 1873' FSL, Section 6, T10S, R22E At proposed prod. zone SAME AS ABOVE			9. WELL NO. CIGE 53-6-10-22
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH			10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 767'	16. NO. OF ACRES IN LEASE 577.75	17. NO. OF ACRES ASSIGNED TO THIS WELL N/A	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. APPROXIMATELY 5750'	19. PROPOSED DEPTH 6000'	20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5102' UNGRADED GROUND			22. APPROX. DATE WORK WILL START* January 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	6000'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

State of Utah, Department of Natural Resources  
Division of Oil and Gas  
1000 East 1000 South  
Salt Lake City, Utah 84143

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>E. R. Midkiff</u> TITLE <u>DISTRICT SUPERINTENDENT</u> DATE <u>October 31, 1978</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY <u>E. R. Midkiff</u> TITLE <u>ACTING DISTRICT ENGINEER</u> DATE <u>DEC 11 1978</u>	
CONDITIONS OF APPROVAL, IF ANY _____	

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
TO PERMIT COPY

State Oil

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

CIG EXPLORATION, INC.

## 3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1197' FWL &amp; 1873' FSL, Section 6, T10S, R22E

At proposed prod. zone

SAME AS ABOVE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

APPROXIMATELY 15 MILES SOUTHEAST OF OURAY, UTAH

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

767'

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.APPROXIMATELY  
5750'

## 16. NO. OF ACRES IN LEASE

577.75

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

## 19. PROPOSED DEPTH

6000'

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5102' UNGRADED GROUND

## 22. APPROX. DATE WORK WILL START\*

January 15, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	6000'	CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUIFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS  
CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-POINT PROGRAM
- (2) BOP SCHEMATIC
- (3) 13-POINT PROGRAM
- (4) PLAT

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-2-78

BY: C. B. Light

GAS WELL PRODUCTION HOOKUP TO FOLLOW ON SUNDRY NOTICE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED E. R. Midkiff TITLE DISTRICT SUPERINTENDENT DATE October 31, 1978  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

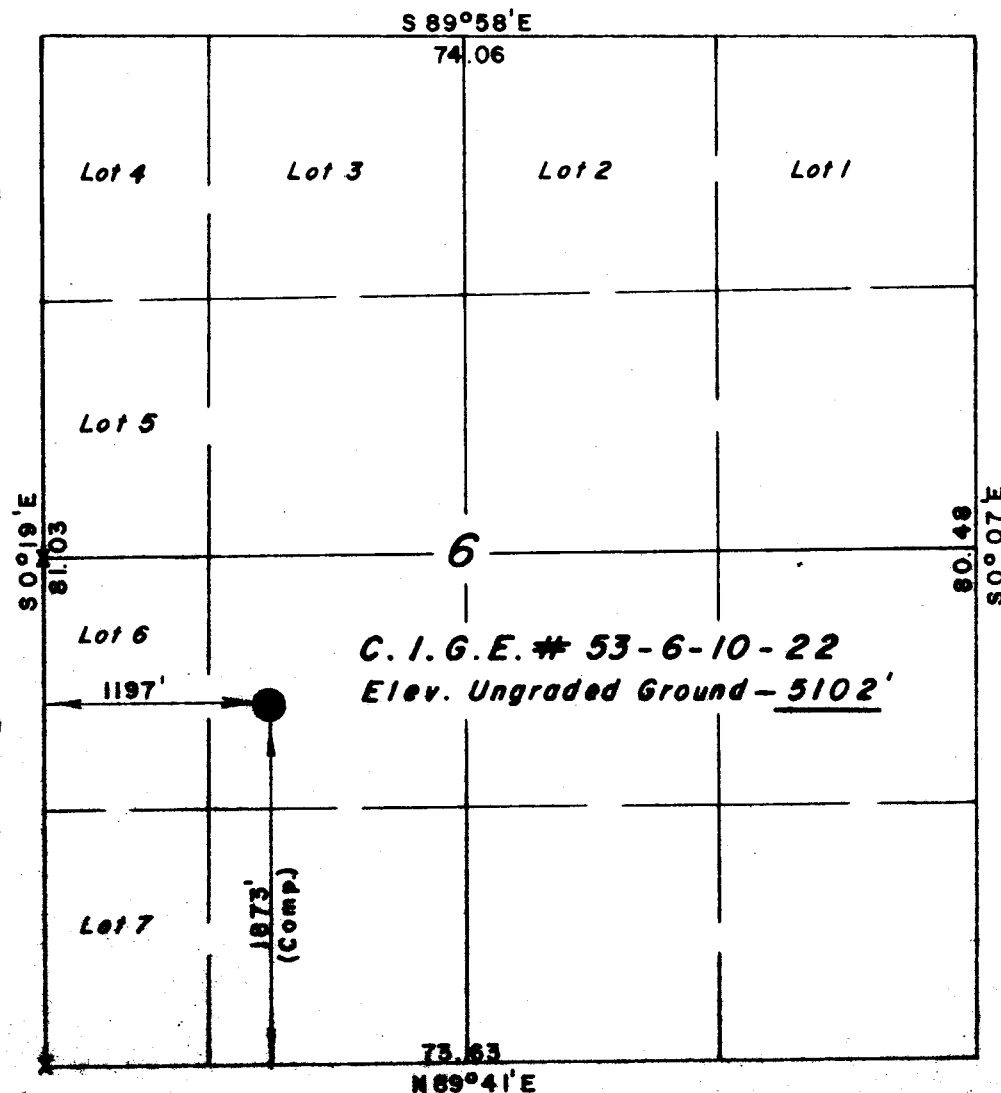
CONDITIONS OF APPROVAL, IF ANY:

T10S, R22E, S.L.B. & M.

PROJECT

C.I.G. EXPLORATION INC.

Well location, C.I.G.E. #53-6-10-22, located as shown in the NE 1/4 SW 1/4 Section 6, T10S, R22E, S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Diane Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX 9 - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	10 / 17 / 78
PARTY	DA JB RP	REFERENCES	GLO Plat
WEATHER	Clear / Warm	FILE	C.I.G.E.

X = Section Corners Located

CIGE 53-6-10-22  
Section 6, T10S, R22E  
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER 1300'

WASATCH 4500'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH — 4500' — GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 36# NEW

4-1/2" - N-80, LT&C - 11.6# NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

CIGE 53-6-10-22

6. Continued. --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned  
No cores are expected to be cut.

LOGS: Dual Induction Laterolog  
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

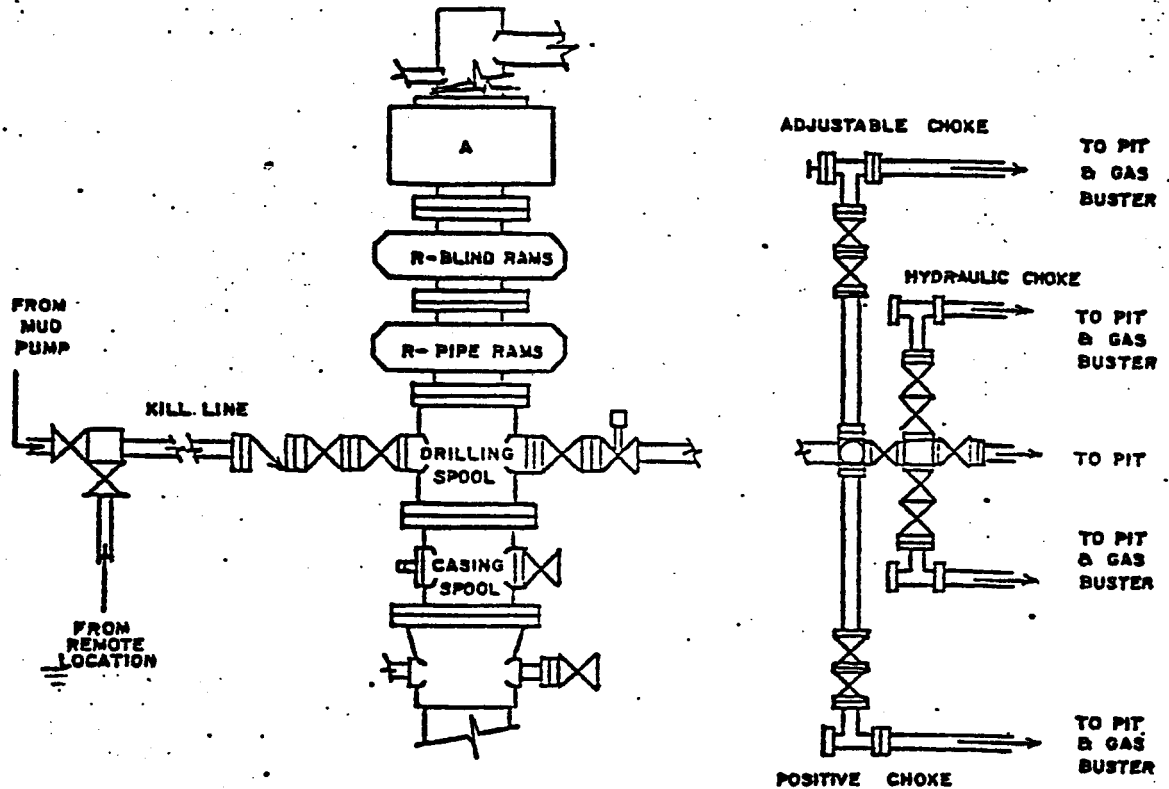
No abnormal pressures or temperatures expected  
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

January 15, 1979 three week duration.

3000 psi

psi Working Pressure BOP's



### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

C.I.G. EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #53-6-10-22

Located In

Section 6, T10S, R22E, S.L.B. & M.

Uintah County, Utah



C.I.G. EXPLORATION INCORPORATED  
C.I.G.E. #53-6-10-22  
Section 6, T10S, R22E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach C.I.G. Exploration Incorporated, well location C.I.G.E. #53-6-10-22 located in the NE 1/4 SW 1/4 Section 6, T10S, R22E, S.L.B. & M., Uintah County Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 7 miles, more or less, to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88 10 miles to Ouray, Utah; proceed along South on a county road, known as the Seep Ridge Road, + 9 miles to the junction of this road and an oil field service road to the East; proceed Easterly along this road 7.7 miles to the junction of this road and a road to the Southeast; proceed Southeasterly along this road 1.2 miles to the junction of this road and a road to the Southeast; proceed Southeasterly along this road 3.2 miles to the junction of this road and the point that the proposed access road (to be discussed in Item #2) leaves the existing road and proceeds in a Westerly direction to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the County road is surfaced with native asphalt, to the oil field service road.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of native materials that are prevalent to the areas they are located and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD .

See Topographic Map "B"

The proposed access road leaves the existing road described in Item #1 in the NE 1/4 SW 1/4 Section 6, T10S, R22E, S.L.B. & M. and proceeds in a Westerly direction 0.1 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the center-line) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

2. PLANNED ACCESS ROAD - continued

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that this access road traverses is relatively flat.

The vegetation of this route consists of sparse amounts of sagebrush, rabbit-brush, some grasses, and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this well. For exact location of this well within Section 6, T10S, R22E, S.L.B. & M. see location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES.

At the present time there are other C.I.G. Exploration Incorporated batteries, production, facilities, oil gathering lines, gas gathering lines, injection, and disposal lines within a one-mile radius.

In the event that production of this well is established, the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to the facilities.

The area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

C.I.G. EXPLORATION INCORPORATED  
C.I.G.E. #53-6-10-22  
Section 6, T10S, R22E, S.L.B. & M.

4. LOCATION OF TANK BATTERIES, PRODUCITON FACILITIES, AND PRODUCITON GATHERING AND SERVICE LINES - continued

The proposed gas glow line will be an 18' right of way which will run in a Southeasterly direction approximately 0.7 miles to an existing above ground pipe line at C.I.G.E. #23-7-10-22 located in the NE 1/4 of Seciton 7, T10S, R22E, S.L.B.&M. (See Topographic Map "B").

If there is any deviation from the above, all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

Water to be used for the drilling and production of this well will be hauled from the White River at a point near the Mountain Fuel Bridge located in the SW 1/4 NE 1/4 Section 17, T9S, R22E, S.L.B. & M. The water will be hauled by truck over roads described in Item #1 and the proposed access road, to the proposed location site, a distance of approximately 7 miles.

In the event that the above source is not used, the water will be hauled by truck utilizing the roads described in Items #1 and #2, from the White River South of Ouray, Utah a distance of approximately 21.2 road miles.

All regulations and guide lines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIAL

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native material that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable material such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none

8. ANCILLARY FACILITIES - continued

foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet). When all drilling and production activities have been completed, the location site and access will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic "A")

The area slopes from the rim of the Book Cliff Mountains to the South to the Green River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the White River to the Southwest of which the numerous washes, draws, and non-perennial streams are tributaries.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely heavy thunderstorms, or rain storms of high intensity lasting over an extended period of time which are rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial, flowing to the Southwest, and are tributaries to the White River.

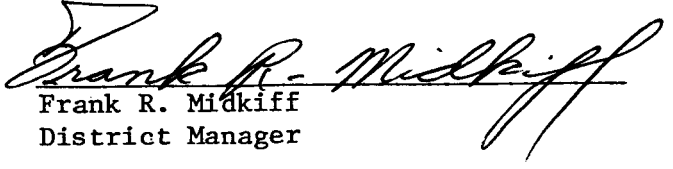
C.I.G. EXPLORATION INCORPORATED  
C.I.G.E. #53-6-10-22  
Section 6, T10S, R22E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by C.I.G. Exploration Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and terms and conditions with which it is approved.

Date

10/31/78

  
Frank R. Midkiff  
District Manager

C. I. G. EXPLORATION, INC.

C. I. G. E. #53-6-10-22

TOPO.

MAP "A"

SCALE: 1" = 4 Mi.

PROPOSED LOCATION

C. I. G. E. #53-6-10-22

C.I.G. EXPLORATION, INC.

C...G.E #53-6-10-22

TOPO. MAP 'B'

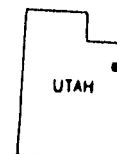
SCALE 1" = 2000'

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

○ State Route



C.I.G.E. 3-32-9-22

C.I.G.E. 6-31-9-22

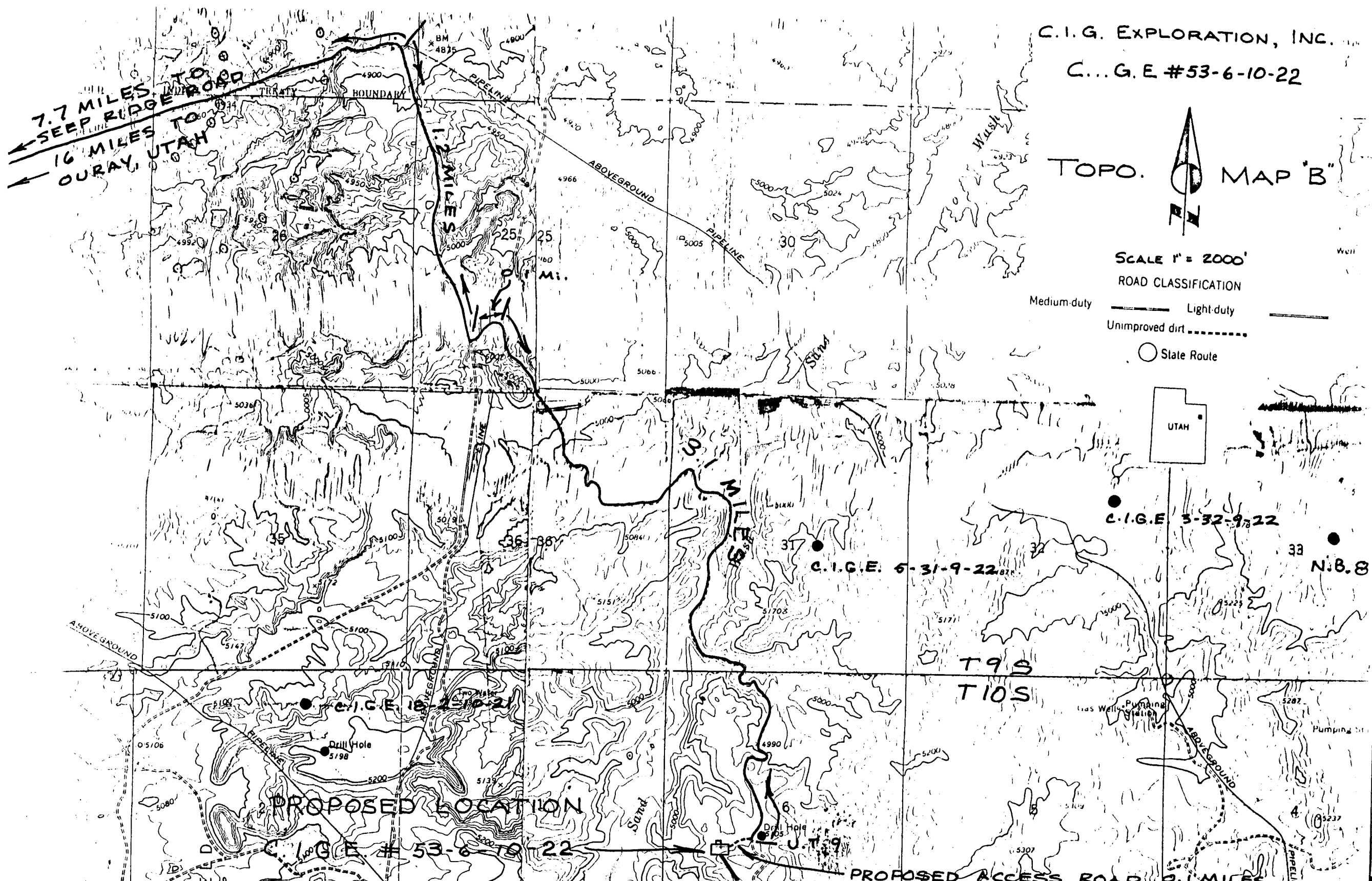
N.B.8

T9S  
T10S

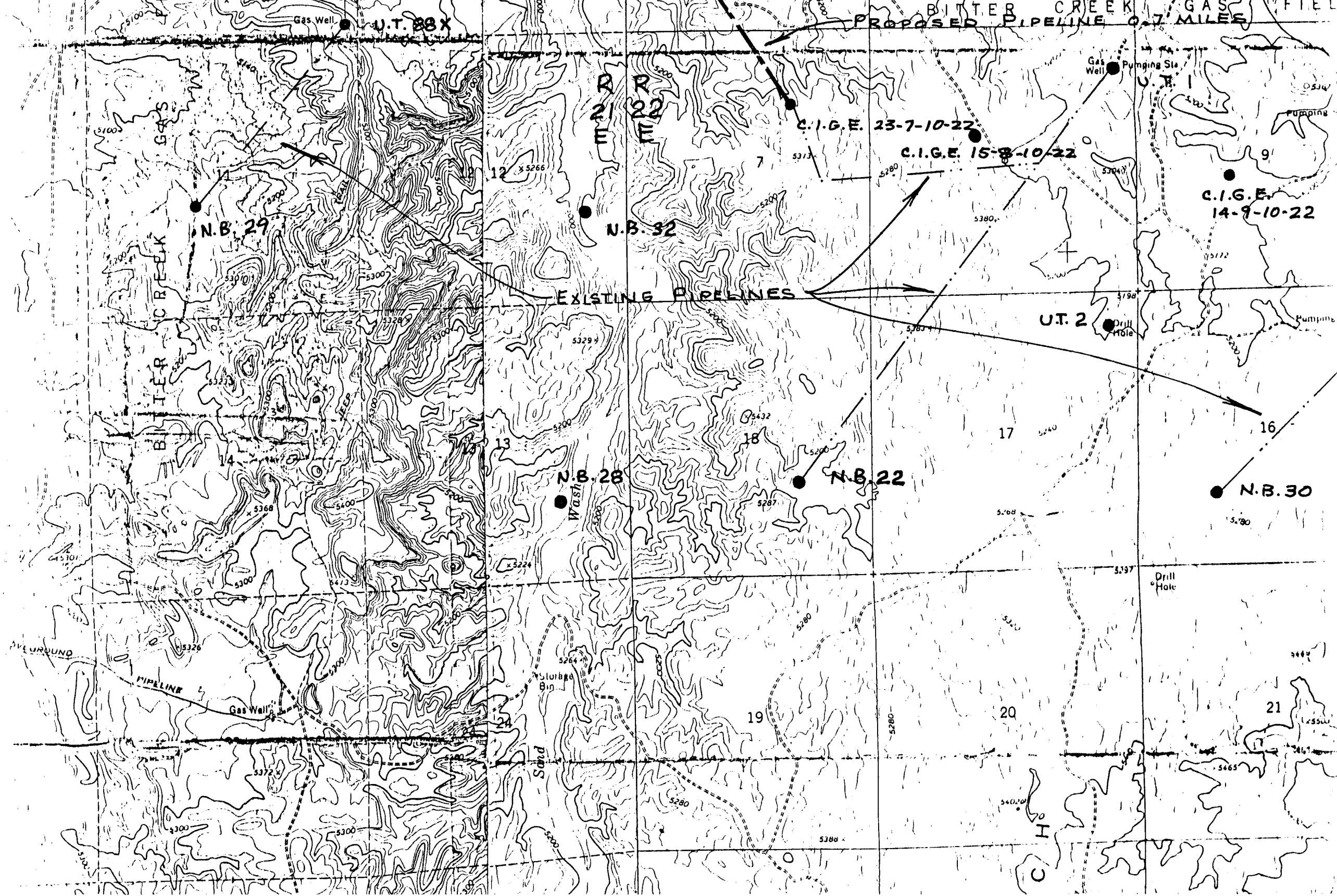
PROPOSED LOCATION

C.I.G.E. # 53-6-10-22

PROPOSED ACCESS ROAD 0.5 MILES



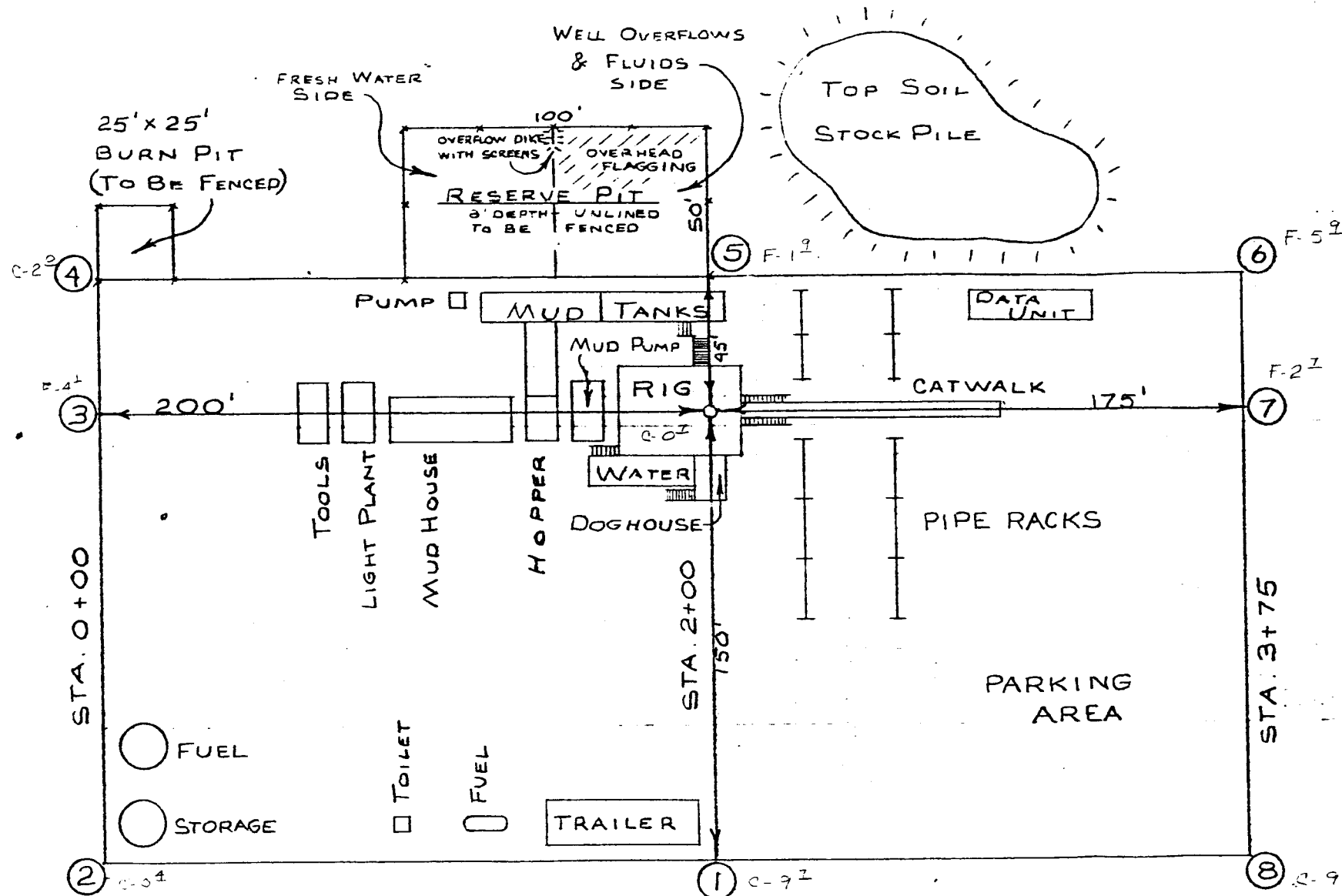




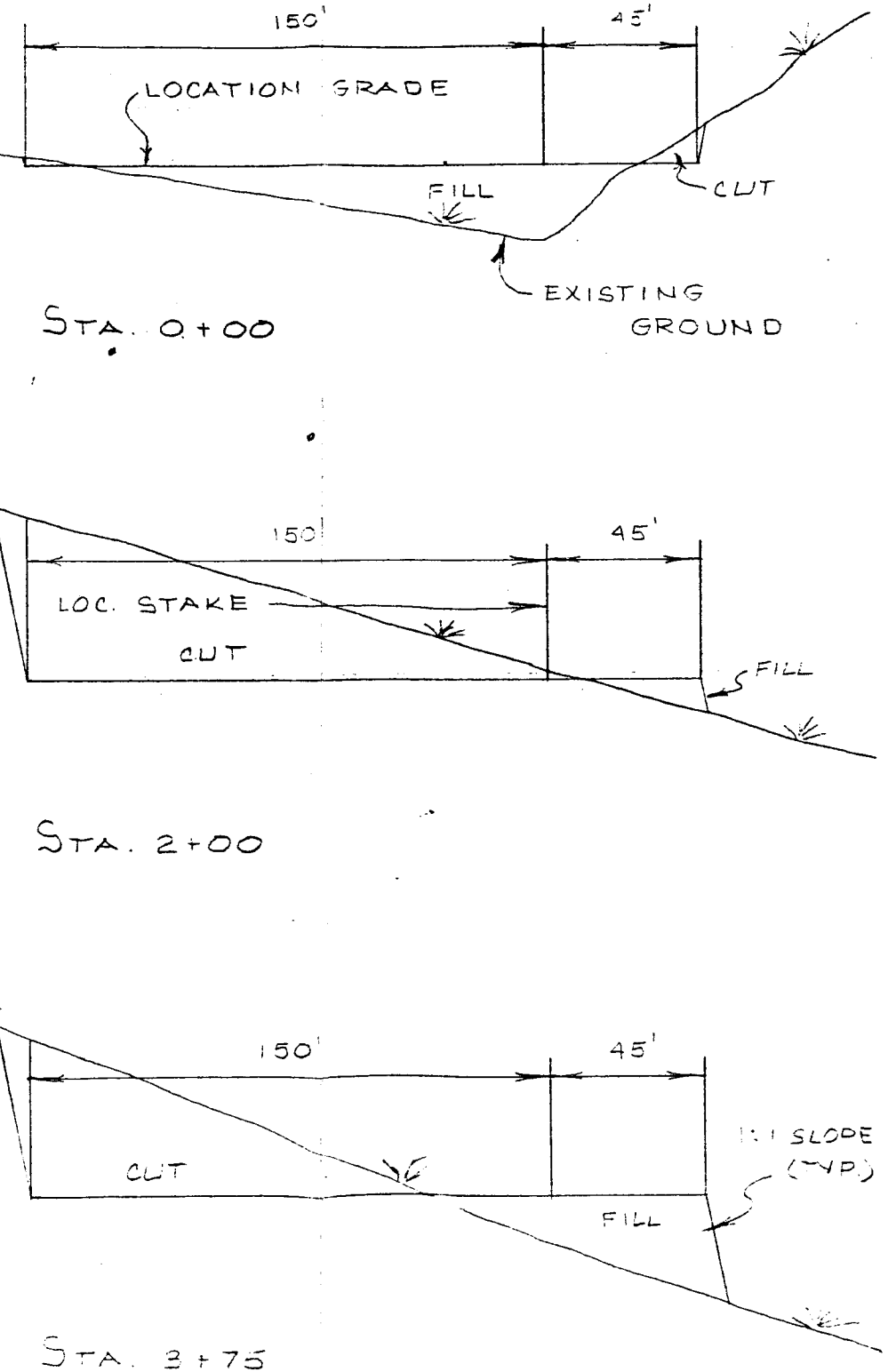


# C.I.G. EXPLORATION

C.I.G.E. # 53-6-10-22  
LOCATION LAYOUT & CUT SHEET

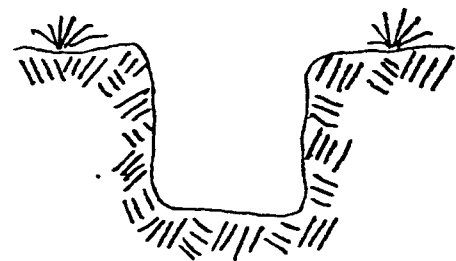


CROSS SECTIONS



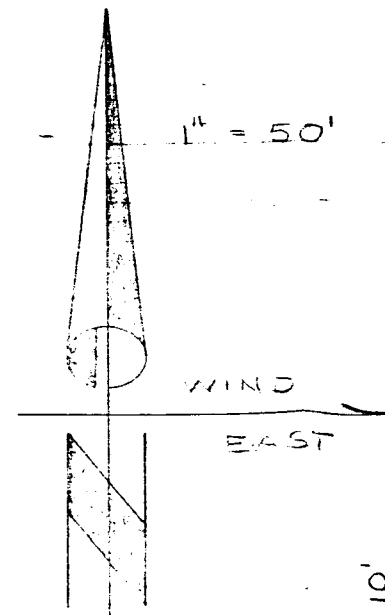
## SOILS LITHOLOGY

- NO SCALE -



LIGHT BROWN SANDY CLAY

SCALE - 1" = 50'



1" = 10'

SCALE 1" = 50'

## APPROX. YARDAGES

CUT 7,743 cu yds.  
FILL 2,343 cu yds.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: Nov. 2-

Operator: Cyg Exploration

Well No: Natural Buttes 53-6-10-22

Location: Sec. 6 T. 10S R. 22E County: Uintah

File Prepared: ☐

Entered on N.I.D.: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number: 43049-30533

CHECKED BY:

Administrative Assistant: [Signature]

Remarks:

Petroleum Engineer: \_\_\_\_\_

Remarks:

Director: 2

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. \_\_\_\_\_

Surface Casing Change ☐  
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In Nat Buttes Unit

Other:

[Signature] Letter Written/Approved

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01195

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 53-6-10-22

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 6, T10S, R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P.O. BOX 749, DENVER, CO. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1197' FWL &amp; 1873' FSL, Section 6, T10S, R22E

14. PERMIT NO.

43-047-30533

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5102' UNGRADED GROUND

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

PIPELINE HOOKUP

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

PIPELINE HOOKUP

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐☒

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
- (A) TYPICAL WELL HEAD INSTALLATION
- (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED PIPELINE MAP
- (3) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT:

EDWARD N. NORRIS AT (801) 789-2773

OR

IRA K. McCLANAHAN AT (303) 473-2300

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. T. Merrill*

TITLE

*Sr. Pet. Engr*

DATE

*12-14-71*

(This space for Federal or State office use)

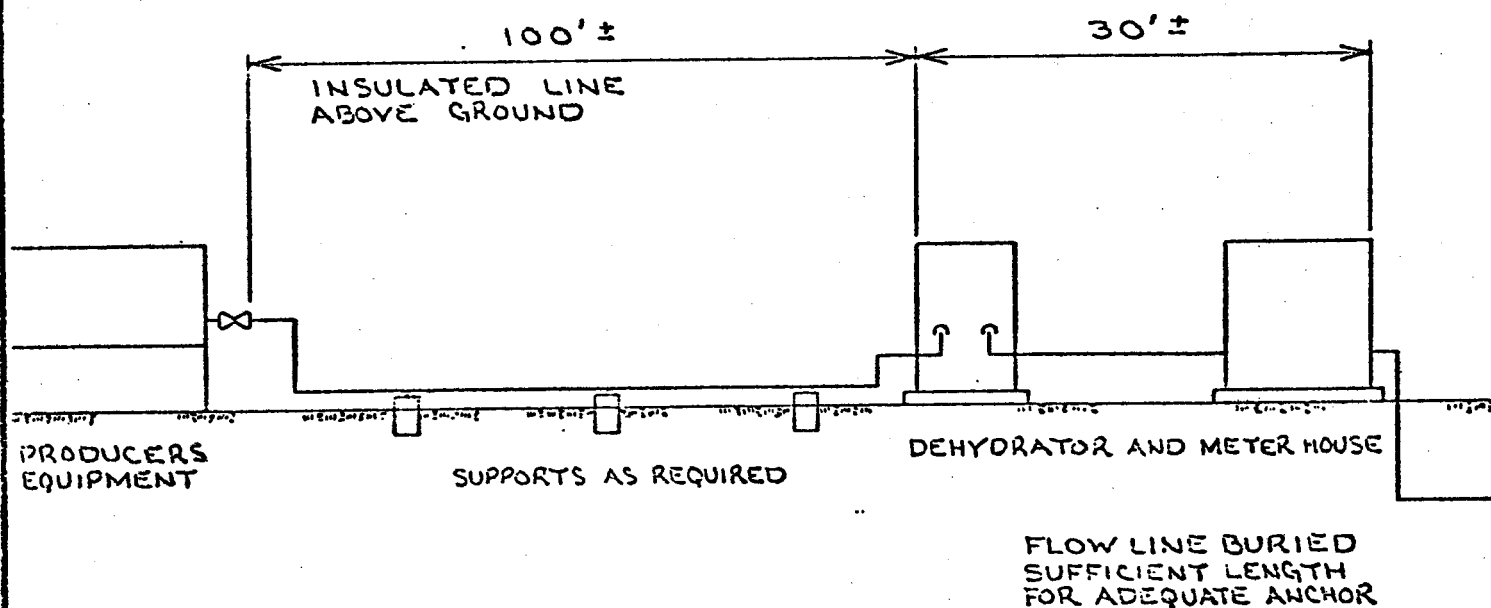
APPROVED BY

TITLE

DATE

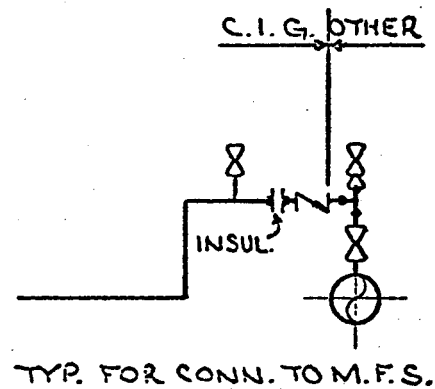
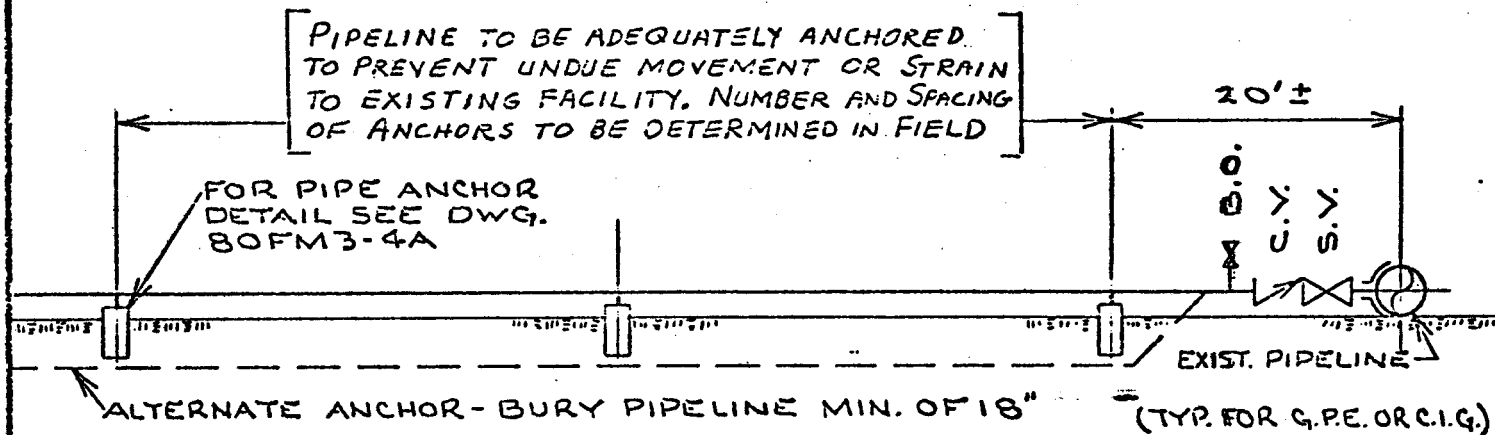
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



							Colorado Interstate Gas Co.	
							COLORADO SPRINGS, COLORADO	
							TYPICAL WELL HEAD INSTALLATION	
							NATURAL BUTTES FIELD	
							UINTAH COUNTY, UTAH	
NO.	C O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP
REVISIONS							DATE: 7-19-77	CHECK: 100 23858

115FP-2 1/8




Colorado Interstate Gas Co.  
COLORADO SPRINGS COLORADO

TYPICAL CONNECTION TO MAIN  
LINES AND PIPE ANCHOR  
DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH

1	23858	REVISE STARTING POINT	8-22-77	RWP	
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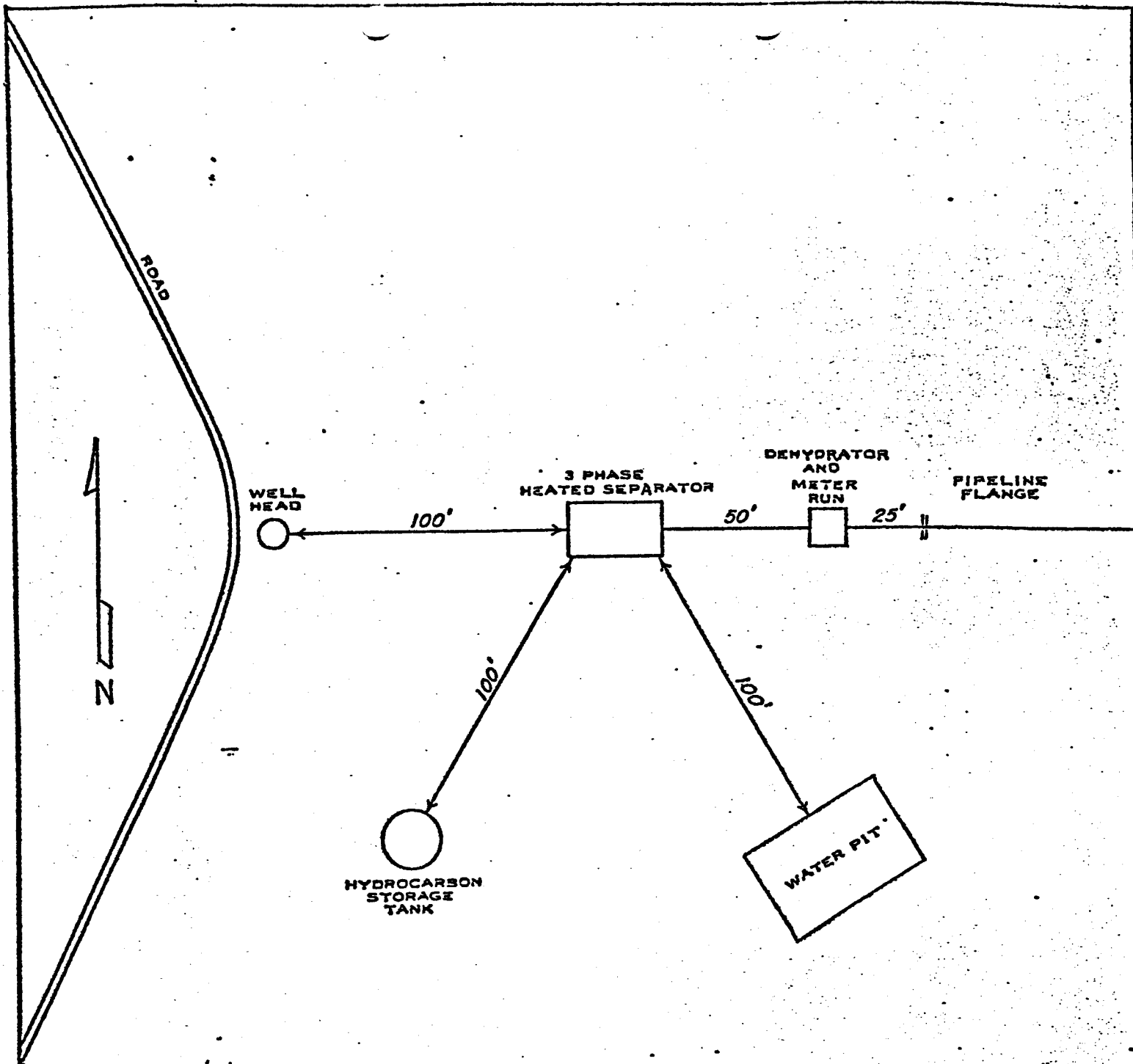
NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APP.
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REVISIONS

SCALE: NONE DRAWN RWP APP: RWP

DATE: 7-7-77 CHECK: RWP C.O. 23858

115FP-1 1/8



GAS PRODUCING ENTERPRISES, INC.  
DENVER, COLORADO

CIGE 53-6-10-22  
Section 6, T10S, R22E  
Uintah County, Utah

### ESTIMATE SKETCH

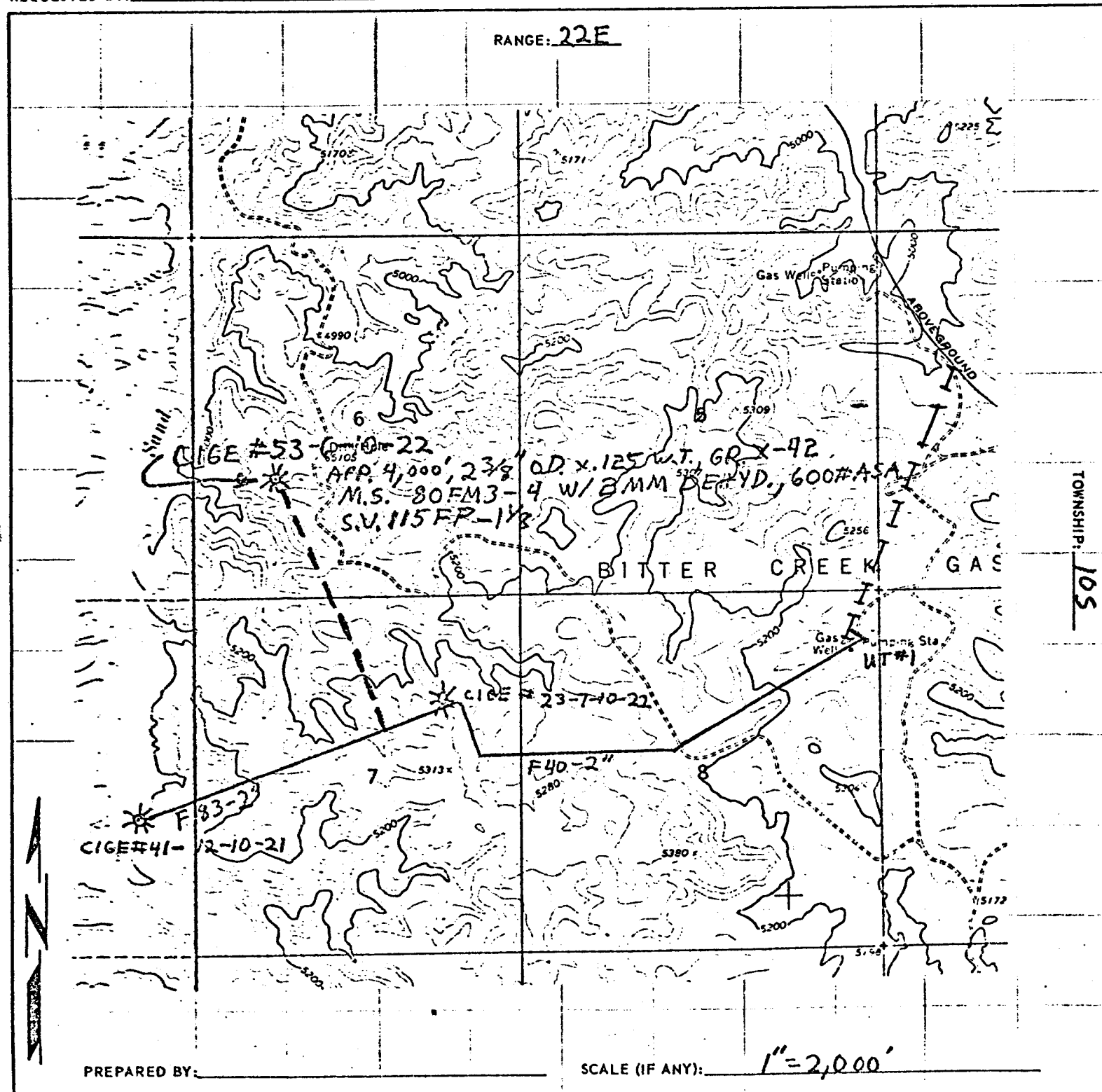
DATE: 11/13/78  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
☐ COMPANY ☒ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY  
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
 REVISION NO.: \_\_\_\_\_  
 BUDGET NO.: \_\_\_\_\_  
 RELATED DWG.: 115Fu-1(c)

LOCATION: 1873' FSL, 1197' FWL, SECT. 6-10S-22E COUNTY: Uintah STATE: Utah  
DESCRIPTION OF WORK: Connect CIGE#53-6-10-22 NATURAL BUTTES

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: 76 PROJECT ENGINEER: JFR



*Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.*

Statement for permit to lay flow line, to be included with application for Drilling Permit -- CIGE #53-6-10-22.

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #53-6-10-22 in a Southeasternly direction through the SW/4 of Section 6 and the N/2 of Section 7, thence Northeast and connecting to a 2" line (F40-2") from CIGE #23-7-10-22 in the NE/4 of Section 7, all in T10S-22E. The line will be approximately 4000' long as shown on the attached sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.



U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
CIG EXPLORATION, INC. #CIGE 53-6-10-22	1197' FWL 91873' FSL (NW 1/4 SW 1/4) SEC. 6 T. 10 S., R. 22 E., SLM UINTAH COUNTY, UTAH Gr EL. 5102'	U-01195
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> The well will commence in the Ninta Formation and gas is anticipated in the Wasatch Formation. Numerous wells have been drilled in this township so control is good. Estimated tops by the operator are reasonable.</p> <p>2. <b>Fresh Water Sands.</b> In sec. 33, T. 9 S., R. 22 E. WRD reported "there are no water wells of record in the near vicinity of this proposed test. Fresh water may be found to depths of about 500 feet. Usable water may be found to depths of about 3500 feet in the Green River Formation. Deeper aquifers contain saline water or brine."</p> <p>3. <b>Other Mineral Bearing Formations.</b> (Coal, Oil Shale, Potash, Etc.) Valuable prospectively for solid and semi-solid bitumens (Silsonite). Within oil shale withdrawn E.O. 5327. The Parachute Creek member of the Green River Formation contains beds of oil shale which should be identified and protected. The richest oil shale beds occur in the mahogany zone. The top of the mahogany zone may occur at about 2050 feet.</p> <p>4. <b>Possible Lost Circulation Zones.</b> Site is underlain by at least a 75 foot Lenticular sands of oil-shale sequence that would yield an average of 25 gallons of oil per ton.</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Protect any fresh water aquifers penetrated.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Operator does not anticipate abnormal temperatures, pressures or hydrogen sulfide gas.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Probably adequate.</p> <p>8. <b>Additional Logs or Samples Needed.</b> None. Logs proposed by the operator should be run through the Parachute Creek member of the Green River Formation to delineate oil shale beds.</p> <p>9. <b>References and Remarks</b> Within KGS.</p> <p align="center">USGS log I-736 by Cassions</p>		
Date: 11/21/78		Signed: R.E.G.

United States Department of the Interior  
Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

## Usual Environmental Analysis

Lease No. U-01195Operator CIG Exploration, Inc.Well No. CIGE 53-6-10-22Location 1197'FWL and 1873'FSL Sec. 6 T. 10S R. 22ECounty Uintah State Utah Field Bitter CreekStatus: Surface Ownership BLM Minerals FederalJoint Field Inspection Date November 15, 1978

## Participants and Organizations:

<u>James P. Mitchell</u>	<u>U.S. Geological Survey</u>
<u>Steve Ellis</u>	<u>Bureau of Land Management</u>
<u>Cory Bodman</u>	<u>Bureau of Land Management</u>
<u>Don Shull</u>	<u>CIG Exploration, Inc.</u>
<u>Floyd Murray</u>	<u>Dirt Contractor</u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>

## Related Environmental Analyses and References:

(1) Seep Ridge Planning Unit, BLM, Vernal

(2)

Analysis Prepared by: James P. Mitchell  
Environmental Scientist  
Salt Lake City, Utah

Reviewed by: George Diwachak  
Environmental Scientist  
Salt Lake City, Utah

Date November 16, 1978

Signed: G. Diwachak

*Pld 195 X 775  
Plt 100 X 50  
0.1 mi. new access (1/10)  
Stack pile topsoil  
1.6 ac. Reported  
Arch Survey of highly  
fine soil base*

Proposed Action:

On November 1, 1978, CIG Exploration Inc. filed an Application for Permit to Drill the No. 53-6-10-22 development well, a 6000-foot gas test of the Wasatch formation; located at an elevation of 5120ft. in the NESW section 6, T.10S, R.22E on Federal mineral lands and the Bureau of Land Management surface; Lease No. U-01195. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 195ft. wide x 375ft. long, and a reserve pit 100ft. wide x 50ft. long. A new access road will be constructed 18ft. wide x 0.1mi. long. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date is December 1, 1978, and duration of drilling activities would be about 17 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 miles south east of Quray, Utah, the nearest town. A good road runs to within 100 yards of the location. This well is in the Bitter Creek field.

Topography:

Location is near crest of NW SE trending ridge with a large drainage to the south and west. The area slopes to the north and road access is from this direction.

Geology:

The surface geology is Uintah formation. The soil is a light brown sandy clay loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels which might permit exposed upper formations to blowout or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay-type soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.6 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominantly from West to East. Air mass inversions are rare.

The climate is semiarid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface-Water Hydrology:

Drainage is to the west toward Sand Wash a tributary of the White River. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Ground-Water Hydrology:

Some minor pollution of ground-water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Sub-surface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined, unless a highly fractured material is encountered during pit construction. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert-shrub types. Sage brush and Greasewood are the dominant plants of the area.

Proposed action would remove about 1.6 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the Bureau of Land Management. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic

artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a light sand color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County. But should this well discover a significant new hydrocarbon source, local, State, and possibly National economies might be improved. In this instance, other development wells would be anticipated with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

#### Land Use:

There are no National, State, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge Planning Unit. This Environmental Assessment Record (EAR) was compiled by the Bureau of Land Management, the surface management agency of the Federal surface in the area. The study includes additional information on the environmental

impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State Offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite access road would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

→ The reserve pits should be lined if an highly fractured, permeable soil zone is encountered during pit construction.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.6 acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due



to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil, or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to fresh-water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the Sand Wash drainage system would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

12/11/78

*Ed S. [Signature]*  
District Engineer

U.S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District



SEC 6 Facing North from  
The Southeast Edge of the location  
CIGE SEC 6-TWS, R22E Lease # U-01195

MM  
January 22, 1979

MEMO TO FILE

Re: OIG EXPLORATION  
Well No. CIGE 53-6-10-22  
Sec. 6, T. 10S, R. 22E  
Uintah County, Utah

This office was notified that the above well was  
Spudded on January 19, 1979.

The drilling contractor is Loffland Brothers and they  
will use their rig #12.

CLEON B. FEIGHT  
DIRECTOR

CBF/lw  
cc: U.S. Geological Survey  
State Industrial Commission

NOTICE OF SPUD

WELL NAME: C16E 53-6-10-22

LOCATION: NW 1/4 SW 1/4 SECTION 6 T- 10S R- 22E

COUNTY: Uintah STATE: Utah

LEASE NO.: U-01195 LEASE EXPIRATION DATE: 5/31/70

UNIT NAME (If Applicable): NATURAL BUTTE S

DATE & TIME SPUDDED: 1/19/79 - 4:30 pm

DRY HOLE SPUDDER: Packer Air Drilling

DETAILS OF SPUD (Hole, Casing, Cement, etc.): 12 1/4" hole drilled to 200' 1/22/79 (Rig down for repairs 1-20 & 1-21-79) Ran 5 Jts 9 5/8" 36# K-55, L.T.C. Set @ 700' 6L (1m u/150 5x" 6" + 2 3/4" (66) 1/2 PD @ 8:15 pm, 1-23-79.

ROTARY RIG NAME & NUMBER: Loftland Rig #12

APPROXIMATE DATE ROTARY MOVES IN: 2/20/79

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 1/22/79

PERSON CALLED: Mary

STATE CALLED: DATE: 1/22/79

PERSON CALLED: Scheer

REPORTED BY: Pat Bohner

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01195

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 53-6-10-22

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SECTION 6-T10S-R22E

14. PERMIT NO.

43-047-30533

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5102' UNGR. GR.

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	SPDU <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WRITTEN CONFIRMATION OF SPUD 1/19/79; VERBAL NOTICE GIVEN TO  
USGS (MARY) AND STATE (SCHEREE) ON 1/22/79

18. I hereby certify that the foregoing is true and correct

SIGNED

F. R. Midkiff

TITLE

District Superintendent

DATE

1/23/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
2. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.						5. LEASE DESIGNATION AND SERIAL NO. U-01195	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1197' FWL & 1873' FSL SECTION 6-T10S-R22E At top prod. interval reported below SAME AS ABOVE At total depth SAME AS ABOVE						7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
14. PERMIT NO. 43-047-30533						9. WELL NO. CIGE 53-6-10-22	
DATE ISSUED 11/2/78						10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
12. COUNTY OR PARISH UINTAH						13. STATE UTAH	

15. DATE SPUDDED 1/19/79	16. DATE T.D. REACHED 3/5/79	17. DATE COMPL. (Ready to prod.) 4/25/79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5102' UNGR. GR.	19. ELEV. CASINGHEAD UNKNOWN
20. TOTAL DEPTH, MD & TVD 5900'	21. PLUG, BACK T.D., MD & TVD 5849'	22. IF MULTIPLE COMPL., HOW MANY* N/A	23. INTERVALS DRILLED BY ROTARY TOOLS 222' - TD	CABLE TOOLS 0 - 222' KB
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5827' - 4841' - WASATCH				25. WAS DIRECTIONAL SURVEY MADE YES
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL				27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	222'	12-1/4"	150 sx Class "G"	
4-1/2"	11.6#	5889'	7-7/8"	1512 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					NOT YET	RUN	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
perf w/3-1/8" csg gun w/1 JSPF @:				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5827' 5636' 5059' 4846'				5827' - 4834'	Acidized w/3000 gals 7-1/2% MSR
5823' 5620' 5057' 4843'			16 Holes		acid + 28 RCN ball sealers
5756' 5398' 5053' 4841'			Total		displaced w/KCl wtr
5643' 5274' 5051' 4834'				Not Fraced	

33. PRODUCTION							
DATE FIRST PRODUCTION -----		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) SI - WO PIPELINE	
DATE OF TEST 4/24/79	HOURS TESTED 24	CHOKE SIZE 20/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCSF. 2.2 mmcsfcd	WATER—BBL. TSTM	GAS-OIL RATIO ----
FLOW. TUBING PRESS. -----	CASING PRESSURE 900	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCSF. 2.2 mmcsfcd	WATER—BBL. TSTM	OIL GRAVITY-API (CORR.) ----	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY K. E. ODEN	

35. LIST OF ATTACHMENTS NONE		
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		
SIGNED F. R. Midkiff	TITLE District Superintendent	DATE 4/27/79

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NO CORES OR DST'S			GREEN RIVER	1112'	1112'
			WASATCH	4490'	4490'

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2200			OPERATOR NAME CIG EXPLORATION INC			WELL NAME CIGE 53-6-10-22																				
WELL CODE 25435		SECT. 6		LOCATION TOWNSHIP/BLK 10S 22E		PANHANDLE/REDCAVE SEQ. NUMBER 22E		K-FACTOR		FORMATION WASATCH SA FLOW TEST																						
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING TUBING		FLOWING CASING		
MO.	DAY	YR.	MO.	DAY	YR.																											
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
19	22	81	09	29	81	00	750	2	067					0	599	100	007080	01	00	80	005	00750	0	00820								
WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE		SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.										
MO.	DAY	YR.	MO.	DAY	YR.																											
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
06	15	81	06	18	81	01425	0	01425	0					720	1	3950	4621	0	599													
METER STAMP			25435			00750			REMARKS:																							

CIG: H. K. Nash

OPERATOR:

COMMISSION:

FIELD CODE			FIELD NAME			OPERATOR CODE			OPERATOR NAME			WELL NAME		
			Nathaniel B. H. S. Finner						Gas Producing Properties			C.T. B. 53		
CODE			LOCATION			FORMATION								
SECT.			TOWNSHIP/BLK			RGE/SUR.			SEQ. NUMBER			K-FACTOR		
6			105			22E			1145ATCH.					
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE			METER RUN SIZE			FLOW TEST		
MO. DAY YR.			MO. DAY YR.			MO. DAY YR.			COEFFICIENT			GRAVITY (SGP.)		
11-12 13-14 15-16			17-18 19-20 21-22			23-24 25-26 27-28			29-30 31-32 33-34			35-36 37-38 39-40		
XX XX XX			XX XX XX			XX XX XX			XX XX XX			XX XX XX		
10 28 79			11 15 79			01 000			02 067			03 40		
WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)		
MO. DAY YR.			MO. DAY YR.			MO. DAY YR.			MO. DAY YR.			MO. DAY YR.		
11-12 13-14 15-16			17-18 19-20 21-22			23-24 25-26 27-28			29-30 31-32 33-34			35-36 37-38 39-40		
XX XX XX			XX XX XX			XX XX XX			XX XX XX			XX XX XX		
07 21 79			01 905											
TER CAMP			25435			01000			REMARKS:			No testing in well.		



**COLORADO INTERSTATE GAS COMPANY**

# WELL TEST DATA FORM

**STATE COPY**

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1197' FWL & 1873' FSL

AT TOP PROD. INTERVAL: SAME

AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) NTL-2B Unlined Pit

Approval  
denied

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than 1 BWPD. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

Attachments: (1) Topo map  
(2) Water analysis

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SAMPLE NO. \_\_\_\_\_

**THE WESTERN COMPANY**

Service Laboratory  
Midland, Texas  
Phone 683-2781 Day  
Phone 683-4162 Night

Service Laboratory  
Oklahoma City, Oklahoma  
Phone 840-2771 Day  
Phone 751-5470 Night

**WATER ANALYSIS**

County UINTAH

Field \_\_\_\_\_

Operator CIGE

Well CIGE # 53

Depth \_\_\_\_\_

Formation WASATCH

Date Sampled 6-29-80

Date Received 6-30-80

Submitted By KARL ODEN

Worked By JOHN KOTELEC

Other Description \_\_\_\_\_

**CHEMICAL DETERMINATIONS as parts per million**

Density 1.015 @ 22°C

pH 7.5

Iron 2 ppm

Hydrogen Sulfide NONE

Sodium and Potassium 11068

Bicarbonate 452

Calcium 800

Sulfate 3100

Magnesium 122

Phosphate \_\_\_\_\_

Chloride 16286

as Sodium Chloride 26790

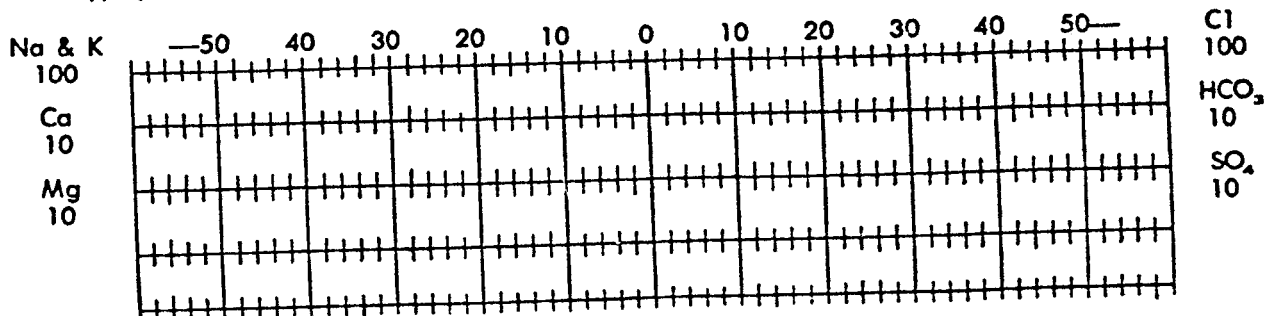
TOTAL ppm \_\_\_\_\_

Resistivity .25 ohm-meters @ 70° F

TOTAL HARDNESS - 2500 ppm as CaCO<sub>3</sub>

Remarks:

for Stiff type plot (in meq./l.)



Per \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STENCIL IN TRIPLI  
(Other instructions on  
reverse side)

Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-01195

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 53-6-10-22

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 6, T10S, R22E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P.O. BOX 749, DENVER, CO. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1197' FWL & 1873' FSL, Section 6, T10S, R22E

14. PERMIT NO.

43-047-30533

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5102' UNGRADED GROUND

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☒

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐  
☐  
☐

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)

DATE  
TIME  
BY  
CHECKED BY  
SUPERVISOR  
DATE  
TIME  
BY  
CHECKED BY  
SUPERVISOR

Delete paragraph 3, Item 4:

"Location of Tank Batteries, Production Facilities and Production Gathering and Surface Lines",  
in the 13-Point Surface Use Program, which reads:

"The total area that is needed for the production of this well  
will be fenced and cattleguards will be utilized for access to  
these facilities."

No such fences or cattleguards have been installed or are planned for this producing  
location, as the lack of any grazing of cattle in this area render such installation  
unnecessary.

This Sundry Notice is submitted per Mr. Max McCoy's report of non-compliance with our  
original 13-Point Program as contained in his letter dated 7/28/82.

18. I hereby certify that the foregoing is true and correct

SIGNED

*William Gooden*  
William Gooden

TITLE

Area Engineer

DATE

August 4, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

# WELL TEST DATA FORM

**STATE COPY**

WELL CODE						FIELD NAME						OPERATOR CODE						OPERATION NAME						WELL NAME									
00-01-11						NATURAL BUTTES, UT						2200						CIG EXPLORATION INC						CIGE 53-6-10-22									
WELL CODE 3			LOCATION SECT. TWP/SHP/BLK RGE/SUR.			PANHANDLE/REDCAVE SEQ. NUMBER			FORMATION K-FACTOR																								
25435			6 10S 22E						WASATCH SA FLOW TEST																								
WELL ON (OPEN)									FLOW TEST																								
DATE (COMP.)									ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING CSB PRESSURE		STATIC TSGLCS PRESSURE		FLOWING STRING TUBING CASING		
MO.	DAY	YR.	MO.	DAY	YR.																												
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X			
07	15	83	07	20	83	00	500		2	067		01219	0	0598		100	00582	0	0540		110		00441	0	00922	0	X						
WELL-OFF (SHUT-IN)									SHUT-IN TEST									TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.															
PRESSURE TAKEN DATE									CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST. CSB PRESS.		EST. TBG PRESS.										
MO.	DAY	YR.	MO.	DAY	YR.																												
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	E	E									
07	23	83	07	26	83	01503	0	01508	0		720	1	9950		462	0	598																
REMARKS:																																	
25435 00900																																	

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

WELL CODE 550-61-11		FIELD NAME NATURAL BUTTES, UT		OPERATOR CODE 2278		OPERATOR NAME CIG EXPLORATION INC		WELL NAME CIGE 53-6-10-22	
WELL CODE 25435		LOCATION TOWNSHIP/BLK 14S 22E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION JASATCH SA		FLOW TEST	
WELL ON (OPEN)		DATE (COMP.)		ORIFICE SIZE		METER RUN SIZE		FLOW TEST	
MO.	DAY	YR.	MO.	DAY	YR.	ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X
08	24	82	08	31	82	00	500	2	067
WELL-OFF (SHUT-IN)		PRESSURE TAKEN		DATE		SHUT-IN TEST		SLOPE	
MO.	DAY	YR.	MO.	DAY	YR.	CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	EFFECTIVE DIAMETER	EFFECTIVE LENGTH
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X
08	31	82	09	03	82	01443	0	01431	0
METER STAMP		25435		00500		REMARKS		Gas Measurement will Aug. d. 45.	

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

NATURAL BUTTES UNIT  
COASTAL OIL & GAS CORPORATION - OPERATED (COGC)  
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20

COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W

COGC NBU (Ute Trail) #1MV

COGC NBU (Ute Trail) #7

COGC NBU (Ute Trail) #52X

COGC NBU (Ute Trail) #83X

COGC NBU (Ute Trail) #88X

COGC NBU #1

COGC NBU #3

COGC NBU #4

COGC NBU #6

COGC NBU #7

COGC NBU #8

COGC NBU #9

COGC NBU #10

COGC NBU #11

COGC NBU #12

COGC NBU #13

COGC NBU #14

COGC NBU #15

COGC NBU #16

COGC NBU #17

COGC NBU #18

COGC NBU #19

COGC NBU #20

COGC NBU #22

COGC NBU #23 N

COGC NBU #24 N2

COGC NBU #26

Highland (Coastal Operated)

NBU #27

NBU #27A

NBU #28

NBU #29

NBU #31

COGC NBU #32Y

COGC NBU #33Y

COGC NBU #35Y

COGC NBU #36Y

COGC NBU #37XP

COGC NBU #38 N2

COGC NBU #39 N

COGC NBU #41J

COGC NBU #43 N

COGC NBU #45 N

COGC NBU #46 N

RECEIVED  
FEB 14 1931

DIVISION OF  
OIL, GAS & MINING



COGC NBU #47 N2  
COGC NBU #48 N3  
COGC NBU #49 V  
COGC NBU #50 N2  
COGC NBU #51 J  
COGC NBU #52 J  
COGC NBU #53 N  
COGC NBU #54 N  
COGC NBU #56 N2  
COGC NBU #57 N  
COGC NBU #58 N2  
COGC NBU #62 N  
COGC NBU #63 N3  
COGC NBU #64 N3  
COGC NBU #65 N3  
COGC NBU #68 N2  
COGC NBU #69 N2  
COGC NBU #70 N3  
COGC NBU #72 N3  
COGC NBU #74 N3  
COGC NBU #75 N3  
COGC NBU #80 V  
COGC NBU #81 V  
COGC NBU #83 J  
COGC NBU #84 V  
COGC NBU #85 J  
COGC NBU #86 J  
COGC NBU #87 J  
COGC NBU #98 V

CIGE NBU #2-29-20-21  
CIGE NBU #3-32-9-22  
CIGE NBU #4-9-10-21  
CIGE NBU #5-31-9-22  
CIGE NBU #6-19-9-21  
CIGE NBU #7-8-10-21  
CIGE NBU #8-35-9-22  
CIGE NBU #9-36-9-22  
CIGE NBU #10-2-10-22  
CIGE NBU #11-14-9-20 (W)  
CIGE NBU #13-7-10-21  
CIGE NBU #14-9-10-22  
CIGE NBU #15-8-10-22  
CIGE NBU #16-20-10-22  
CIGE NBU #18-2-10-21  
CIGE NBU #19-16-9-21  
CIGE NBU #20-20-10-22  
CIGE NBU #21-15-10-22  
CIGE NBU #22-15-9-10  
CIGE NBU #23-7-10-22  
CIGE NBU #24-29-9-22  
CIGE NBU #25-34-9-22  
CIGE NBU #27-33-9-22  
CIGE NBU #28-35-9-21  
CIGE NBU #30-6-10-21  
CIGE NBU #31-1-10-22  
CIGE NBU #32A-20-9-20

CIGE NBU #33-27-10-21  
CIGE NBU #34-13-10-20  
CIGE NBU #35-1-10-20  
CIGE NBU #36D-32-9-22  
CIGE NBU #37D-21-9-21P  
CIGE NBU #38-4-10-21  
CIGE NBU #40-3-10-21  
CIGE NBU #41-12-10-21  
CIGE NBU #42-25-9-21  
CIGE NBU #43-14-10-22  
CIGE NBU #44-9-9-21  
CIGE NBU #45-15-9-21  
CIGE NBU #46-21-9-21  
CIGE NBU #47-14-10-21  
CIGE NBU #48-15-10-21  
CIGE NBU #49-22-10-21  
CIGE NBU #51D-31-9-22P  
CIGE NBU #52-5-10-22  
CIGE NBU #53-6-10-22  
CIGE NBU #54D-35-9-21  
CIGE NBU #55-1-10-21  
CIGE NBU #56-34-9-21  
CIGE NBU #57-10-10-21  
CIGE NBU #58-16-10-21  
CIGE NBU #59-21-10-21  
CIGE NBU #60-14-9-21  
CIGE NBU #61-13-9-21  
CIGE NBU #62D-36-9-22P  
CIGE NBU #63D-29-9-22P  
CIGE NBU #64D-33-9-22P  
CIGE NBU #65-19-10-22  
CIGE NBU #66-23-10-21  
CIGE NBU #67A-2-10-22P  
CIGE NBU #68D-35-9-22P  
CIGE NBU #69-19-10-21  
CIGE NBU #70-20-9-21  
CIGE NBU #71-7-9-21  
CIGE NBU #72-18-9-21  
CIGE NBU #73D-5-10-22P  
CIGE NBU #74D-6-10-22P  
CIGE NBU #75D-8-10-21P  
CIGE NBU #76D-9-10-21P  
CIGE NBU #77D-10-10-21P  
CIGE NBU #78C-16-9-21P  
CIGE NBU #79D-1-10-21P  
CIGE NBU #80D-2-10-21  
CIGE NBU #81D-4-10-21  
CIGE NBU #83D-7-10-22P  
CIGE NBU #84D-12-10-21P  
CIGE NBU #85D-29-10-21  
CIGE NBU #86D-16-9-21P  
CIGE NBU #87D-34-9-21P  
CIGE NBU #88D-15-10-21P  
CIGE NBU #89D-34-9-22J

105, 20E, 6

30533

CIGE NBU #90D-9-9-21J  
CIGE NBU #91D-15-9-21J  
CIGE NBU #92D-13-10-20J  
CIGE NBU #93D-2-10-21J  
CIGE NBU #94D-14-10-21J  
CIGE NBU #95D-14-10-21J  
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

Ute Tribal #1-31

Powell Fee #3 SWD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~well proposals~~.)

1. oil ☐ well      gas ☒ well      other ☐
2. NAME OF OPERATOR  
Gas Producing Enterprises, Inc.
3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1197' FWL & 1873' FSL  
AT TOP PROD. INTERVAL: Sec. 6-T10S-R22E  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO:                       |                          | SUBSEQUENT REPORT OF:    |
|--|--------------------------|--------------------------|
| TEST WATER SHUT-OFF                            | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT                                 | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE                               | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL                                    | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING                           | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE                              | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES                                   | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON*                                       | <input type="checkbox"/> | <input type="checkbox"/> |
| (other) <u>X</u> <u>Frac and water shutoff</u> |                          |                          |

5. LEASE  
U-01195
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A
7. UNIT AGREEMENT NAME  
Natural Buttes Unit
8. FARM OR LEASE NAME  
Natural Buttes
9. WELL NO.  
CIGE 53-6-10-22
10. FIELD OR WILDCAT NAME  
Bitter Creek Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 6-T10S-R22E
12. COUNTY OR PARISH  
Utah
13. STATE  
Utah
14. API NO.  
43-047-30533
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5102' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Hydraulically fracture Wasatch perfs 4834'-5827' and shutoff water production from perfs 5051'-5059' as per attached chronological report of operations.

RECEIVED  
JAN 22 1985

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Gooden      TITLE Production Engineer      DATE January 15, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CIGE 53-6-10-22 (NBU)  
Bitter Creek Field  
Uintah County, Utah

TD: 5900'  
PBDT" 5865'

- 9/16/84 Well dead - travel to location. RU and made 4 swab runs to 2200'. Rec 24 BLW - well flowing. Flowed to pit on 24/64" adj ck/45 min. SI and installed 17/64 positive ck - open to pit. After 30 minutes - FTP 350 psi. SICP 400 w/2" stream of frac water.
- 9/17/84 Prep to run SLM and isolate water zone 5051'-5059'. 17/64 ck FTP 1150 psi. SICP 1250 psi. Est. 1.5 MMCFD w/20 to 25 BLWPD
- 9/18/84 Flowing to pit on 17/64" ck. FTP 14000 psi SICP 1400 psi. 30 to 49 BWPD (Load). Road to location. RU Sun Oilfield Service. Tagged Frac sand @ 5554' w/WJ. Blow well down to 600 psi and kill well w/70 Bbls. of 10 ppg brine. ND Tree & NU BOP. RIH w/2-3/8 tubing to 5554'. Circ w/brine water - lost returns. Tried to break circ w/ 3% KCl water and soap. WO Nitrogen. RU Howco & Nitrogen - Circ frac sand fill from 5554' to 5849'. Pull 15 stands & SDFN.
- 9/19/84 Road to location. SITP & SICP - 925 psi. Blow down and pump 70 Bbls 3% KCl water to control well. RIH w/tub. and tagged sand fill @ 5830'. CO to 5846' PBDT. RU to pull tubing. Pulled tubing - used 30 bbl 3% KCl water to control well. RIH w/Packer Assembly and position packers. Dropped ball and pumped ball out w/2000 psi to set hydraulic packers. Stacked out 5000# Wt. on packers. Attempted to release on-off tool w/3000# loss on Wt. Indicator. Pulled 20' and caught tub. wt. Set down 5000# C and repeated w/no release from on-off tool. Well blowing in. Pumped 75 bbls - 10 ppg brine down tbg and csg for control. ND BOP - NU Tree. Open to pit on 17/64" Pos. Ck. Packer Assembly as follows:
- 1 - Pump Out Sub 1.17' @ 5266'
  - 1 - Jt. 2-3/8 " Tbg. 31.0'
  - 1 - Baker Model FH Pkr. 5.42' @ 5228'
  - 9 - Jts. 2-3/8" 279.0'
  - 1 - Baker Model FH Pkr. 5.42' @ 4944'
  - 1 - Baker FL on-off tool 0.75' @ 4943'
  - 1 - Jt. 2-3/8" 31.0
  - 1 - SN 1.0 @ 4911'
  - 157 - Jts. 2-3/8" 4895' w/16' KB
- 7:00 a.m. report - 17/64 ck. FTP 550 psi SICP 750 psi 600 MCFD w/30 to 40 BWPD. RD & Released Western rig.
- 9/20/84 8:00 a.m. Report. 17/64 ck FTP 560 psi SICP 675 psi 950 MCFD w/light water mist.
- 9/21/84 Returned well to sales at 10:30 a.m. 9/20/84. 5/64 ck. FTP 1350 psi. SICP 1350 psi (tubing - casing communicated). Gas Rate 492 MCFD - Dry.
- 9/22/84 11/64 Ck. FTP 1375 psi SICP 1375 psi. 611 MCFD w/no water.
- 9/23/84 11/64 ck. FTP 920 psi SICP 1000 psi 633 MCFD - 1 BW
- 9/24/84 11/64 Ck FTP 875 psi SICP 950 psi 676 MCFD - 1 BW

Note: Before Frac - well producing 100 MCFD

Final Report

CIGE 53-6-10-22 (NBU)  
Bitter Creek Field  
Uintah County, Utah

PAGE 3

TD: 5900'  
PBSD: 5865'

4-20-79 WO perf & brkdn.

Finish LD 2-3/8" tbg. NU frac valve. RD. MO to CIGE 22. Cum csts \$232,523.

4-24-79 Flowing well to pit on 20/64" ck.

RU Wellex & perf 4 1/2" csg w/3-1/8" csg gun w/1 JSPF @ 5827', 5823', 5756', 5643', 5636', 5620', 5398', 5274', 5059', 5057', 5053', 5051', 4846', 4843', 4841', 4834' (CBL log depths), for a total of 16 holes. RU Dowell & acidized dn 4 1/2" csg w/3000 gals 7 1/2% MSR Acid & 28 RCN ball sealers. Balled out to 6000 psi. SI 30 mins & back flowed to release balls. Displ remaining acid w/KCl wtr. AIR 6 BPM @ 3000 psi. ISIP 900 psi, 10 min SIP 750 psi. Open to pit on 20/64"ck. Flowing 2" stream of load wtr to pit.

4-25-79 FCP 1050# on 20/64" ck. Gas 2.2 MMSCF + 10 BW.

4-26-79 SICP 1700# @ 2 PM, 4-25-79.

Well SI @ 9:30 AM. Flow to pit on 20/64" ck. FCP 900#. 2.2 MMCFD w/wtr TSTM.

4-27-79 SICP 1850#.

4-30-79 SICP 1900#.

5-1-79 SICP 1800#.

5-2-79 SICP 1850#.

5-6-79 RU BJ & cmted 4 1/2" X 9-5/8" Annulus from surface to 1300' w/873 sx 50/50 Poz w/ 6% gel w/O SI & cmt @ surface.

5-7-79 SICP 1850#.

5-8-79 SICP 1850#.

5-9-79 SICP 1850#.

5-10-79 SICP 1850#.

6-5-80 5900'; Flw to pit on 17/64" ck.

Travel; RUSU. kill well w/50 bbl 10# brine. ND tree. NU BOP's. PU & TIH w/notch collar, 1 jt 2-3/8 x 4.7# x J-55 tbg, SN, x 177 jts tbg; Notch collar 4621; SN 4590' ND BOP's, NU tree. RU to swb. SDON. Csts: \$276,864.

9/13/84 Rd Western Rig #12 to location - muddy roads SDFN.

9/14/84 Rd to location. FTP 150 psi SICP 400 psi on 14/64" chk. RU Western Rig #12 Kill w/60 bbl 5% KCL water - ND tree NU BOP's RU POOH w/2-7/8" tbng (4588') - pumped 20 bbl KCL water while pulling TIH w/4 1/2" casing scraper on 2-7/8" tbng to PBSD @ 5846. Attempt to reverse circulate - no returns. Circ. down tubing - btms up then pull 1 std & SDFN.

9/15/84 Road to location - well dead TIH 1 std to 5844'. RU Halliburton & spot 30 bbl 7 1/2% HCL across perfs. POOH w/93 stds - LD casing scraper. TIH w/HC, 1 std 2-7/8", SN 39 std 2-7/8" & 6' blast jt. land at +2500'. ND BOP's NU tree. RU Howco & frac dwn tbng & tbng - csng annulus w/60,000 gallons gelled wtr & 120,000 lbs 20/40 sand: Hold sfty mtg & press test lines to 5700 psi. Fraced Wasatch Perfs 4834'-5827' (16 holes).

	<u>BPM</u>	<u>PrCSS. psi</u>	<u>displace, gallons</u>
pump pad	26	4000	1400
pad on perfs	36	4300	2900
st 1 ppg	41	4650	12000
on perfs	41	4900	14900
st 2 ppg	44	4500	24000
st 3 ppg	45	4450	36000
st 4 ppg	45	4500	48000
st flush	45	4480	60000
flush	46	4870	63900

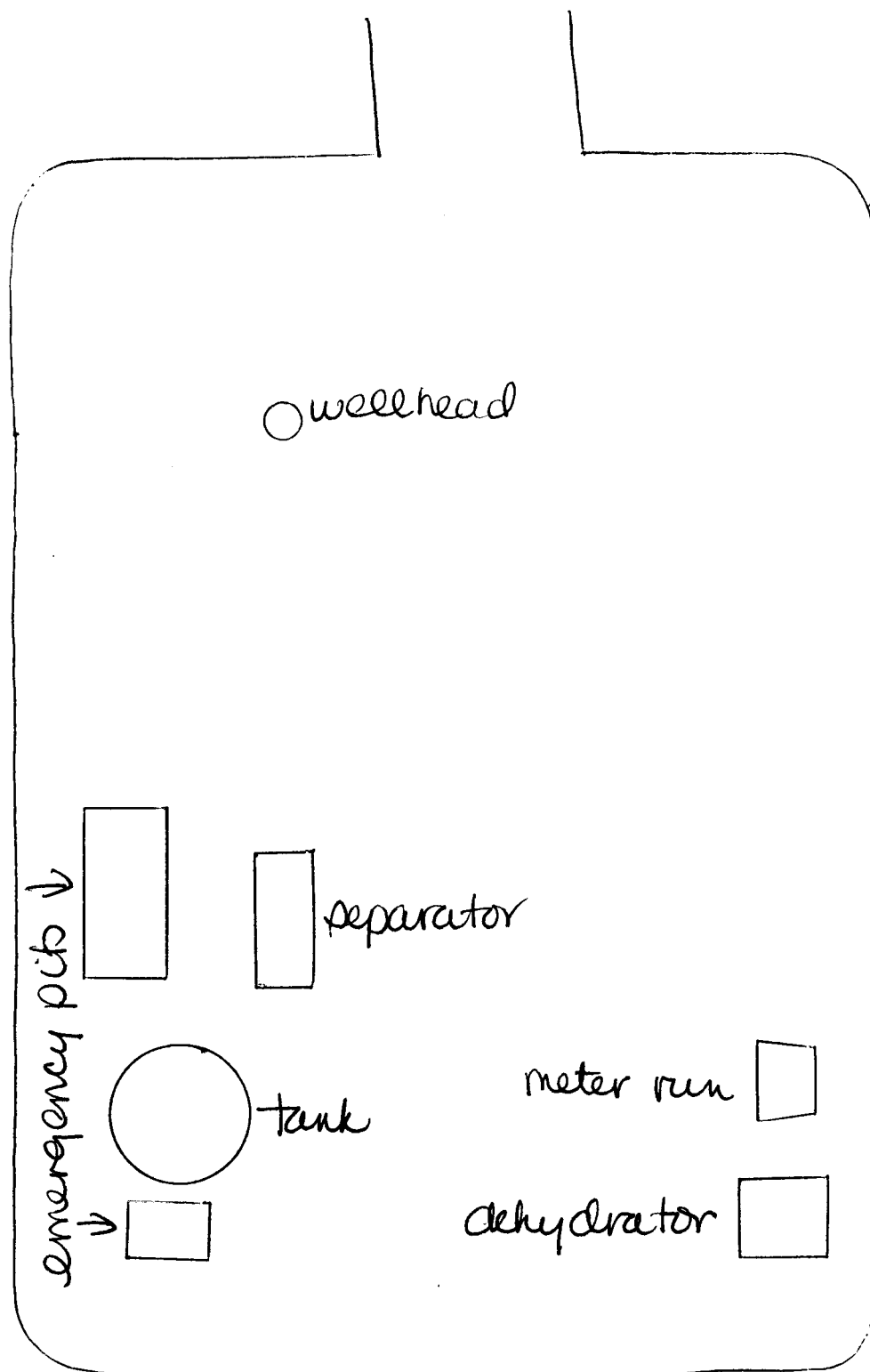
Overdisplace 5 bbl. ISDP 1200 psi 10 min 1100 psi 30 min 700 psi  
AR 44BPM AP 4600 psi SI Well overnight/

Q16E 53

Sec 6, T10S, R22E

Chubby 1/10/89

L N



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 20 1995

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-01195

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #53-6-10-22

9. API Well No.

43-047-30533

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CIG Exploration, Inc.

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1197' FWL & 1873' FSL

Section 6, T10S-R22E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing

☒ Other Squeeze, CO, reperf, lower the

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

☐ Dispose Water  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached procedure to test and squeeze off a suspected water zone, clean out to PBTD, reperforate the existing Wasatch perforations, lower the tubing, and install plunger lift equipment on the subject well.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Sr. Environmental & Safety Analyst

Date 11/16/95

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:



**CIGE #53** *Worm w/ 2123*  
Natural Buttes Field  
Section 6-T10S-R22E

**WELL DATA:**

Location: 1873 FSL 1197' FEL Sec. 6-T10S-R22E  
Elevation: 5102' GR, 5124' KB  
Total Depth: 5900', PBTD 5849'  
Casing: 9-5/8" 36# K-55 ST&C @ 200' w/150 sx  
4-1/2" 11.6# N-80 LT&C @ 5889' w/1512 sx  
Top Job (5/79) w/873 sx  
Tubing: 2-3/8" 4.7# J-55 @ 5266'  
Formation: Wasatch (4834'-5827' - 16 holes, 5/79)  
WSO (9/84, isolated 5052'-5079' w/pkrs)  
Wasatch (5274'-5827', 8 holes)

**PROCEDURE:**

1. MI and RU. Kill well with 3% KCl water. ND WH. NU BOP. Unset packer assembly. POOH with 2-3/8" tubing and packer assembly.
2. RIH with mill and cleanout to PBTD (5849'). RIH with 2-3/8" tubing to 5827' (new EOT) and test all intervals. If too large water volume, POOH with tubing. RIH with tubing with R-3 packer and RBP to test individual perf intervals to verify zones to be squeezed.
3. If squeeze is needed, RIH with CIBP and CICP. Set CIBP @ 5100' and CICR @ 4950'. RU service company and squeeze perf's 5051', 5059'. PU and WOC.
3. RIH with mill to drill out CICR @ 4950' and cement to CIBP @ 5100". RIH with packer. Set packer @ 4940'. Pressure test squeeze to 1000#. Drill out CIBP. TOOH with mill.
5. RU and reperforate Wasatch with 3-1/8" casing gun (4 JSPF). Perforate from FDC-CNL log (5/91):

4834	4846	5620	5756
4841	5274	5636	5823
4843	5398	5646	5827

RIH with tubing and packer. Set packer @ 5250' to breakdown perf's with 500 gallons 15% HCL acid. Swab and flow back acid to cleanup.

6. RIH with 2-3/8" tubing to 5827' (new EOT). Install plunger lift stop via WL. ND BOP. NU WH. RD and MO. Complete installation of plunger lift equipment.
7. After returning the well to sales line, obtain rates and pressures.

Rate prior to WO (5/24/95): 71 MCF on 20/64" choke (FTP 300#, CP 500#, LP 290#).

WEL C-102 33 070-22  
LOCATION 1873' FSL 1197' FWL Sec 6 T105 R225

KB. 5124' GR. 502

9 5/8" OD 36 LB. K-55 STIC CSG. W/ 150 SX (CML)

TOC @ SURF

9 5/8" @  
200'

4 1/2" OD 11.6 LB. N-80 LTSC CSG. W/ 150 SX

TOC @ 1300' Top Job (5/75) w/ 873 SX

2 3/8" OD 4.7" J-55 @ 5266

4834  
4841  
4843  
4846

one off Tool  
@ 4913

Packer Assembly  
Baker Model FHPK @ 4944'

5051  
5053  
5057  
5059

9.35  
2 3/8"  
(27.0')

Baker Model FH PKR @ 5228'

5274

5300

WLS  
(8/3/95)

5620  
5636  
5646

5756

5823  
5827

Pack 5849'

4 1/2" @ 5889

(4/79) Warrant (4834 - 5827, 16 holes) 5330 mp  
Perf. 3 1/8" C.S. (1 JSP) 4834, 4841, 4843, 4846 5051, 5053, 5057, 5059  
5774, 5398, 5620, 5636, 5646, 5756, 5823, 5827

BD 3000 gal 7 1/2% HSRAC + 28 BS

IPF 2200 MCF TSTM BW on 2 1/4" CHK  
FCP 900"

(9/84) SRP 30666 7 1/2% HSR ACID. FRAC Down 2 1/2" to (+2500') (5051 - 5059, 4 holes)  
FRAC w/ 20000" 20/40 sand 150,000 gal gel w/ water production (5051 - 5059, 4 holes)  
— RAO PKR ASSEMBLY TO ISOLATE WATER PRODUCTION

IPF (Warrant 5229 - 5827, 8 holes) 676 MCF + 1 BW on 1 1/4" CHK  
(FTP 875" CP 900")

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT" - for such proposals

U-01195

If Indian, Alottee or Tribe Name

OF OIL, GAS & MINING

N/A

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CIG Exploration, Inc.

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1197' FWL & 1873' FSL

Section 6, T10S-R22E

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #53-6-10-22

9. API Well No.

43-047-30533

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

Squeeze, CO, reperf, lower tbg

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Sr. Environmental & Safety Analyst

Date

03/21/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

tax credit  
8/2/96

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

CIGE #53 Sec 6-10S-22#  
CO, RePerf, Lwr Tbg & PLE  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.000% CIGE

Page 1

**WSO, RePerf, Lwr Tbg & PLE**

02/01/96	MIRU Colorado Well Service Rig #26. DC: \$1,100	TC: \$1,100
02/02/96	Pump 60 bbls Kcl & kill well. RD tree, RU BOPs - RIH 1-1/2 jts 2-7/8" tbg, POH. Place top half of on-off tool. RIH 1.92 spear, try to catch, could not catch - POOH. Run outside catch tomorrow. SDFN. DC: \$2,536	TC: \$3,636
02/03/96	PU - RIH 3 7/8" wash pipe, bumper sub & jars on 2 3/4" tbg. Tag @ 4941'. W&R to 4943'. POH, no drag. PU RIH 2-5/16", short catch over shot, bumper sub & jts. Tag @ 4941', catch fish, work fish & pull up 80'+. Well started to kick. Well blowing hard to pit - decide to flow thru night to pull down formation. Will watch well thru night. DC: \$3,000	TC: \$6,636
02/04/96	Continue to flow to pit - 7 AM - 300 psi FTP - 1350 psi. @ 12 noon 250 psi FTP - 1050 psi DC: \$2,940	TC: \$9,576
02/05/96	9 AM 200 psi FTP on 7/8" chk, CP 825 psi. Heat KCl wtr in 400 bbl tank & flat tank - 5 PM, 200 psi FTP, 7/8" chk, CP 800 psi - Well flow thru night. DC: \$3,540	TC: \$13,116
02/06/96	7 AM FTP 200 psi, CP 800 psi. RU to csg w/90 bbls. Well dead. Try to pull up, no good. Work & rotate pipe - came free. POOH 40 stds - well kicking up csg, Pump 20 bbls KCl down csg. Finish POH, Recover tools, top pkr, 3 good jts & 1 - 10' piece. Kill well w/80 bbls 3% KCl. PU-RIH 2-3/8" overshot on 2-7/8" tbg. Tag top of fish & latch overshot. MIRU Cutter WL. RIH w/CCL, sinker bar & gauge ring. POOH - RU WI 1-15/16" Cutter. Shoot 15' above pkr @ 5198', POH. RD & rls Cutters. Jar & work tbg up 50'+. SDFN. DC: \$5,265	TC: \$18,381
02/07/96	7 AM, SITP 1200 psi, SICP 1000 psi. Kill w/90 bbls KCl. POH - No drag, rec cut pipe. Order more fishing tools - pump 40 bbls KCl. PU RIH 17' WP & shoe on 2-3/8". Tag pkr @ 5429', CO top - POH to ±4000'. SDFN. DC: \$2,976	TC: \$21,357
02/08/96	7 AM, SITP 1300 psi, SICP 850 psi. Pump 80 bbls 3% KCl to kill well. POH w/tbg & WO pipe. PU RIH - 1.92 spear jars, bumper sub on 86 stds 2-3/8" tbg - Tag & work down 2'. POH-no fish - pump 60 bbls 3% KCl - RU RIH 3-3/4 WO shoe on hydrostatic bailer. Tag @ 5419'. Start bailing, work down 13' to 5432' - bailer quit. POH, CO bailer - small amount sd & scale - PU RIH 1.92 spear, jars, bumper sub on 86 stds of tbg. 1 single tag 5432±. Work spear - POH 20 stds. SDFN DC: \$8,120	TC: \$29,277
02/09/96	SITP 600 psi, SICP 1050 psi - Pump 90 bbls 3% KCl - to Kill well. POH - no fish. PU RIH mill 2-3/4 OD x 2-3/8 ID on end of OD catch fishing tool w/2-3/8 grapel, bumper sub & jars on 2-3/8 tbg. Tag @ 5432'. Mill & wash down catch fish - fish stuck, start jaring on fish 3 hrs. No progress - Release fish. RU BJ - pump 30 bbls 3% Kcl, 15% Hcl + additives. Flush 12 bbls, CO, rls BJ - POH tbg & tool string. PU RIH 2-3/8 overshot, bumper sub, jars 4 - 3/8 DC - AC XO - 66 stds. SDFN DC: \$5,632	TC: \$35,109
02/10/96	SITP 100 psi, SICP 100 psi - Kill well 50 bbls 3% KCl - RIH tbg, tag top of fish @ 5432'. 8:45 am - Pmpg down tbg @ 1000 psi jaring on fish - stop pmpg, cont to jar until 9:30 am. Came loose down hole - Grapel? POH to check tool string - rec 5.5' 2-7/8" tbg from Grapel - call for different overshot - PU-RIH 2-1/8" grapel in overshot - bumper sub, jars, 4 DC 3/8, XO AC - 84 stds 2-3/8" tbg to top of fish @ 5430±. RU BJ - pump 2 bbls 38% HCl + additives, follow 10 bbls 3% KCl - RD rls BJ - POH 20 stds - SDFN. DC: \$4,540	TC: \$39,649

02/11/96 9 am - SITP 900 psi, SICP 600 psi - Kill w/60 bbls 3% Kcl - RIH to top of fish, PU swivel, wash & rotate down - 10' catch fish. Start working set of jars 3 times came loose down hole - POH, rec 1' tbg. PU RIH w/WO shoe & pipe, jars, bumper sub, RIH on 2-3/8" tbg, tag @ 5443', W&R to top of pkr @ 5447'. Made 6"± into pkr, pwr swival start leaking. POH 23 stds. SDFN.  
DC: \$6,601 TC: \$46,250

02/12/96 SITP 0 psi, SICP 0 psi. RIH 23 sts, tag 3 fill, wsh & mill 3' + 6"? Lower, then last night circ 15 bbls 3% Kcl. POH - LD WO shoe, PU start catch overshot for top of pkr clr. RIH, tag fish, catch start work pipe & jar - MU dragging 20M# over pull 6 stds to get free. POH pkr in fishing tool, LD fishing tool. PU RIH Hydrobailer, tag 5450'±. Start bailing - stop @ 5624' - POH, empty bailer. SDFN.  
DC: \$7,085 TC: \$53,335

02/13/96 7 am, 0 psi CP & TP. PU RIH on 2-3/8" tbg hydro bailer, bail from 5624' to 5830' - POH, empty bailer, cut rig block line, well start to kick - kill well. RIH hydro bailer, CO 3' fill, made no more progress. POH empty bailer - ball in btm of bailer - RIH 3/8" DC & LD.  
DC: \$4,855 TC: \$58,190

02/14/96 7 am, SICP 750, Bleed down pump 60 bbls 3% Kcl, kill well. RIH Notched clr, 1 jt, SN, 177 jts, 2-3/8" tbg - Broach tbg land in donut, RD BOPs - RU tree, EOT @ 5583.84' KB. RU swab, start swab - pull 2 runs from 4000' - well start to flow to pit. Flow to pit until 4 pm - FTP 260 psi, FCP 700 psi - try to put thru prod unit - FL @ WH start to leak - SI for repair in AM.  
DC: \$4,018 TC: \$62,208

02/15/96 7 am, SITP 750, SICP 1440'. Work on sep & FL-clean & Repair, FL 1250'. Pull 2 swab runs, well kick-off thru sep. 32/64 chk on sep. FTP 500 psi, CP 1340 psi, left thru night. Flowing 657 MCFPD, 800 BW, 450 psi TP, 1120 psi CP, on a 15/64" chk.  
DC: \$1,650 TC: \$63,858

02/16/96 Flowing 1075 MCFPD, 900 BW, 400 psi TP, 1020 psi CP, on a F/O chk.

02/17/96 Flowing 1263 MCFPD, 720 BW, 375 psi TP, 900 psi CP, on a F/O chk.

02/18/96 Flowing 1337 MCFPD, 410 BW, 350 psi TP, 825 psi CP, on a F/O chk.

02/19/96 Flowing 1457 MMCF, 370 BW, 350 TP, 775 CP, on F/O chk.

02/20/96 Flowing 1308 MMCF, 320 BW, 350 TP, 750 CP, on F/O chk.

02/21/96 Flowing 1149 MMCF, 280 BW, 250 TP, 680 CP, on F/O chk.

02/22/96 Flowing 1049 MMCF, 240 BW, 200 TP, 680 CP, F/O" chk.

02/23/96 Flowing 985 MMCF, 240 BW, 290 TP, 680 CP, F/O" chk.

02/24/96 Flowing 1011 MMCF, 290 BW, 670 TP, 680 CP, F/O" chk.

02/25/96 Flowing 1022 MMCF, 342 BW, 300 TP, 650 CP, F/O" chk.

02/26/96 Flowing 985 MMCF, 308 BW, 300 TP, 650 CP, F/O" chk.

02/27/96 Flowing 977 MMCF, 300 BW, 300 TP, 650 CP, F/O" chk. Put production on csg side.

02/28/96 Flowing 87 MMCF, 100 BW, 725 TP, 560 CP, 22-F/O chk.

02/29/96 Flowing 1036 MMCF, 250 BW, 775 TP, 320 CP, F/O chk.

03/01/96 Flowing 877 MMCF, 160 BW, 430 TP, 320 CP, F/O chk.

03/02/96 Flowing 877 MMCF, 160 BW, 350 TP, 220 CP, F/O chk.

03/03/96 Flowing 846 MMCF, 170 BW, 260 TP, 650 CP, F/O chk. **Final Report**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-01195

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #53-6-10-22

9. API Well No.

43-047-30533

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

CIG Exploration, Inc.

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1197' FWL &amp; 1873' FSL

Section 6, T10S-R22E

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

## TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Lwr tubing, install PLE

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

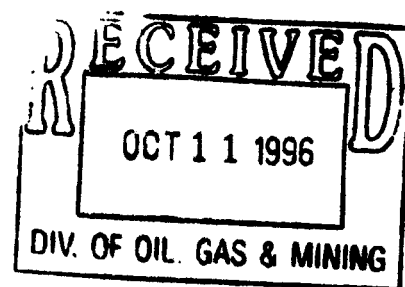
☐

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

  
Bonnie Carson

Title

Sr. Environmental &amp; Safety Analyst

Date

10/07/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

**CIGE #53  
NATURAL BUTTES FIELD  
SECTION 6 T10S R22E  
WORKOVER PROCEDURES**

**WELL DATA**

LOCATION: 1873' FSL 1197' FWL SEC. 6 T10S R22E  
ELEVATION: 5102' GR., 5124' KB.  
TD: 5900', PBTD 5849' (1984); 5833' (1996)  
CSG: 9 5/8", 36.0#, K-55 @ 200' w/ 150 SX.  
4 1/2", 11.6#, N-80 @ 5889' w/ 1512 SX.  
TOP JOB (5/79) W/ 873 SX.  
TBG: 2 3/8", 4.7#, J-55 @ 5584'  
FORMATION(S): WASATCH 4834' - 5827', 16 HOLES (1979)

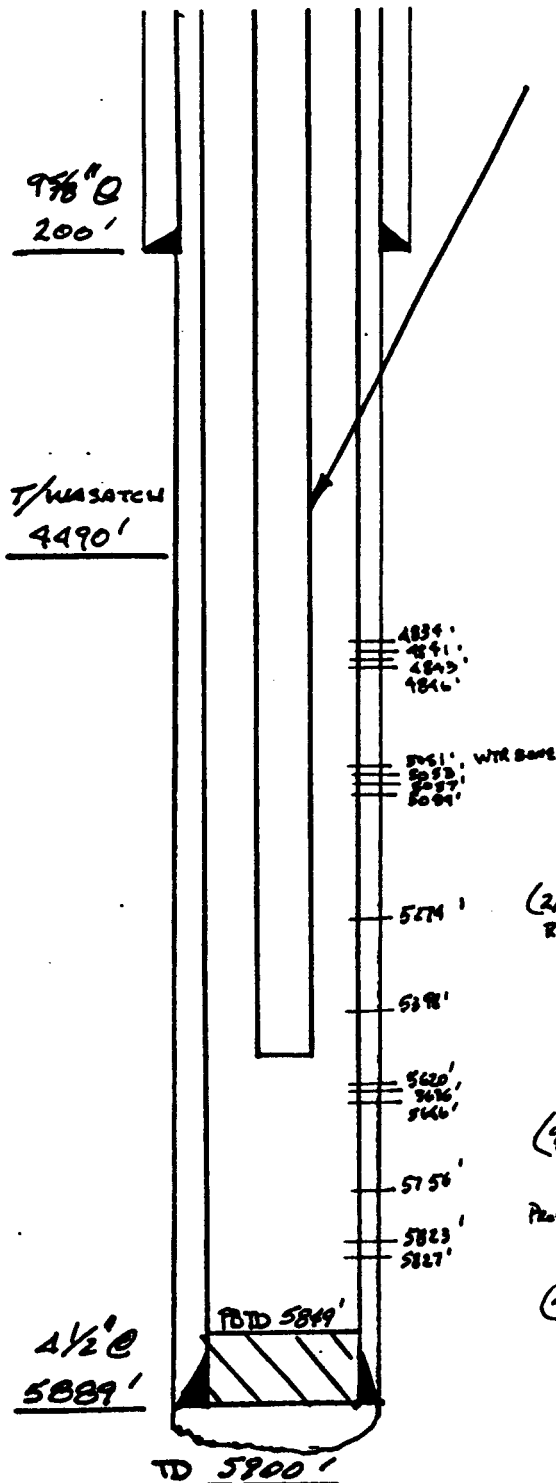
**PROCEDURE**

1. MI & RU pulling unit. Blow down & kill well w/ 3% KCL water. ND WH. NU BOP.
2. Blow down & run in hole w/ 2 3/8" tbg to tag PBTD (WLS - 5833'). Clean out if necessary (BP @ 5827'). PU & land tbg @ 5823'.
3. ND BOP. NU WH. RD & MO pulling unit.
4. Complete installation of plunger lift equipment. Return the well to sales.

**CIG#53**  
**NATURAL BUTTES FIELD**  
**SECTION 6 T10S R22E**

**WELL DATA**

LOCATION: 1873' FSL 1197' FWL SEC. 6 T10S R22E  
 ELEVATION: 5102' GR., 5124' KB.  
 TD: 5900', PBD 5849' (1984); 5833' (1996)  
 CSG: 9 5/8", 36.0#, K-55 @ 200' w/ 150 SX.  
 4 1/2", 11.6#, N-80 @ 5889' w/ 1512 SX.  
 TOP JOB (5/79) W/ 873 SX.  
 TBG: 2 3/8", 4.7#, J-55 @ 5584'  
 FORMATION(S): WASATCH 4834' - 5827', 16 HOLES (1979)



(2/74) WASATCH 4834' - 5827'  
 Removed PER Assembly & Lower tubing to 5584'

(4/84) SPOTED 1200 gal 75% HSR ACID. FRAC'D DOWN 2 3/8" TBG (2500' TBS)  
 FRAC'D w/ 120,000# 20/40 sand + 60,000 gal 20 H<sub>2</sub>O  
 RAN PER ASSEMBLY TO ISOLATE WATER ZONE (5009' - 5059')  
 Permeable WASATCH 4834' - 5827' - 5274' - 5827'  
 IPF 676 MCF PI BW on 1/4" x FCP 875# CP 900"

(4/79) WASATCH (4834' - 5827') 7 ZONE - 16 HOLES  
 PERF (1 JSPP) w/ 3 1/8" CGS GUN 4834'-4841'-4843'-4846', 5051'-5053'-5057'-5059',  
 5274', 5378', 5620'-5636'-5646', 5756', 5823'-5827'  
 BD 3000 gal 15% HSR ACID + 28 BS  
 IPF 2200 MCF 2 3/8" x FCP 900"



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-01195

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #53-6-10-22

9. API Well No.

43-047-30533

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CIG Exploration, Inc.

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1197' FWL & 1873' FSL

Section 6, T10S-R22E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

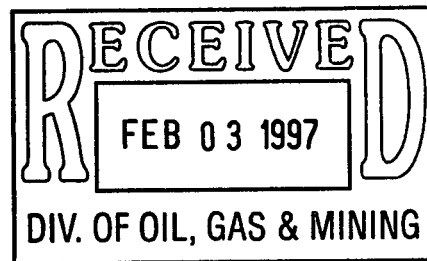
TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Lwr tubing, install PLE  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Senior Environmental Analyst

Date

01/29/97

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WO tax credit 9/97

\*See Instruction on Reverse Side

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**Lower Tubing & Install PLE**

01/12/97	MIRU Colorado Well Service Rig #26. SDFW DC: \$1,463	TC: \$1,463
01/14/97	Blow well down. ND NU. TIH to 5769'. Kill well w/60 bbls 3% KCl. TOOH. PU Hydostatic bailer & TIH. Bail sand from 5769' to 5849'. TOOH. LD bailer TIH. Land tbg on 5830'. SDFN. 120 total load wtr. DC: \$4,467	TC: \$5,930
01/15/97	TP 50 psi, CP 100 psi. Blow down well. ND & NU Tree. RU BJ and pmp 25 bbls 3% KCl ahead, 1000 gal 15% HCl w/inhibitors. Clay stab & iron control. Displace w/23 bbls 3% KCl. Let acid soak for 3 hrs. TP 0 psi, CP 350 psi. Made 2 swab runs, rec 13 bbls. Put well flowing to pit on 20/64" chk thru nite. IFF 4800', FFL 4900'. RDMO. Total load 191 bbls. DC: \$9,965	TC: \$15,895

01/16/97      Flowing 132 MCF, 20 BW, 100 TP, 500 CP, on 14/64" chk. New 4:10 box. PL 5 hrs.

01/17/97      Flowing 447 MCF, 30 BW, 100 TP, 400 CP, on 14-18/64" chk.

01/18/97      Flowing 742 MCF, 45 BW, 100 TP, 400 CP, on 18/64" chk.

01/19/97      Flowing 634 MCF, 20 BW, 110 TP, 400 CP, on 18/64" chk. PL 16. **Final Report**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

**1. Type of Well**

☐ Oil Well ☒ Gas Well ☐ Other

**2. Name of Operator**

Coastal Oil & Gas Corporation

**3a. Address**

P.O. Box 1148, Vernal UT 84078

**3b. Phone No. (include area code)**

(435)781-7023

**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)**

Sec.6. T10S. R22E  
1873' FSL & 1197' FWL

**5. Lease Serial No.**

U- 01195

**6. If Indian, Allottee or Tribe Name**

N/A

**7. If Unit or CA/Agreement, Name and/or Natural Buttes Unit**

**8. Well Name and No.**

Cige #53

**9. API Well No.**

43-047-30533

**10. Field and Pool, or Exploratory Area**

Natural Buttes

**11. County or Parish, State**

Uintah UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>P&amp;A</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

- 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)**

Coastal Oil & Gas Corporation requests authorization to Plug & Abandon the above referenced well.

Please see attached P&A Procedure.

COPY SENT TO OPERATOR

Date: 12-23-99  
Initials: CHD

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

RECEIVED

DEC 20 1999

DIVISION OF OIL, GAS & MINING

**14. I hereby certify that the foregoing is true and correct**  
Name (Printed/Typed)

Katy Dow

**Title**

Environmental Jr. Analyst

Date 12/14/99

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**Approved by**

**Title**

**Date**

**Federal Approval of this  
Action is Necessary**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

**Office**

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CIGE # 53 – PLUG & ABANDON PROCEDURE**

Section 6 – T10S – R22E

Uintah County, UT

November 5, 1999

ELEVATION: 5102' GL 5124' KB (22')  
TOTAL DEPTH: 5900' PBTD: 5849'  
CASING: 9 5/8", 36#, K-55 @ 200' Cemented w/ 150 sx.  
4 1/2", 11.6#, N-80 LT&C @ 5889' Cemented w/ 1512 sx.  
Bullhead SQZ (5/79) w/ 873 sx.

TUBING: 2 3/8" 4.7# J-55 @ 5584'

PERFORATIONS: Wasatch: (1 shots @ each depth – 16 holes)  
4834'; 4841'; 4845'; 4846'; 5051'; 5053'; 5057'; 5059'; 5274'; 5298',  
5620'; 5636'; 5646'; 5756'; 5823'; 5827'

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.6# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# N-80 csg	7,290	6,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227
4 1/2" by 9 5/8" Annulus				0.05353	2.2484

**OBJECTIVE:**

Plug and Abandon

Note: All water used to displace cement and placed between plugs should contain corrosion inhibitor and should be 8.8 to 9.2 ppb. Also, all squeezes must be a minimum of 100' and 25 sacks.

1. MIRU workover rig. Nipple down wellhead and Install BOPE. Kill well with water if necessary. POOH laying down tubing. Pick up cement retainer and RIH picking up 2 3/8", J-55, EUE tubing (workstring) to  $\pm 4814'$ . Break circulation through retainer before setting. Set cement retainer @  $\pm 4814'$ .
2. MIRU cementers. Mix and pump 134 sacks of Class G cement containing 1/4 lb/sack of cellophane flakes. Displace 129 sacks of cement below retainer using 17.61 bbls of water or until pressure reaches 500 psi. Sting out of retainer and place remaining cement (5 sacks) on top of retainer by displacing with an additional 1 bbl of water.
3. Pull up hole 200' laying down tubing. Open production casing / surface casing annulus. Circulate (fill) hole with water and pressure test production casing to 500 psi. If circulation comes to surface outside of production casing or production casing does not hold pressure, then fill production casing to surface with cement and go to step # 6.

4. If casing held pressure, pull tubing up hole to 2825'. Mix and pump 25 sacks of neat class "G" cement down tubing to spot a balance plug. Pump at low rates (1 BPM). Displace cement for balance plug by pumping 9.51 bbls of water. Slowly pull tubing up hole to 250'.
5. Mix and pump 25 sacks of cement down tubing while laying down last 250' of tubing to set surface plug.
6. Remove wellhead and RIH with 1" pipe between surface (9 5/8") casing and production casing annulus to top of cement or depth of surface casing (200'). Fill annulus to surface with cement (approximately 62 sx including 10% excess).
7. RD and cut off wellhead. Install dry hole marker. Reclaim location.

TWK

Approvals:

Prod. Manager

*A.C. Pugh*  
11/10/99

CEMENT DETAILS:

PERFORATIONS:

Cement: Class "G" w/ .25 lb/sk cellophane flakes  
Weight: 15.79 ppg  
Water: 4.97 gal/sk  
Yield: 1.15 ft<sup>3</sup>/sk

MID - BALANCE PLUG:

Cement: Class "G" Neat  
Weight: 15.8 ppg  
Water: 4.97 gal/sk  
Yield: 1.14 ft<sup>3</sup>/sk

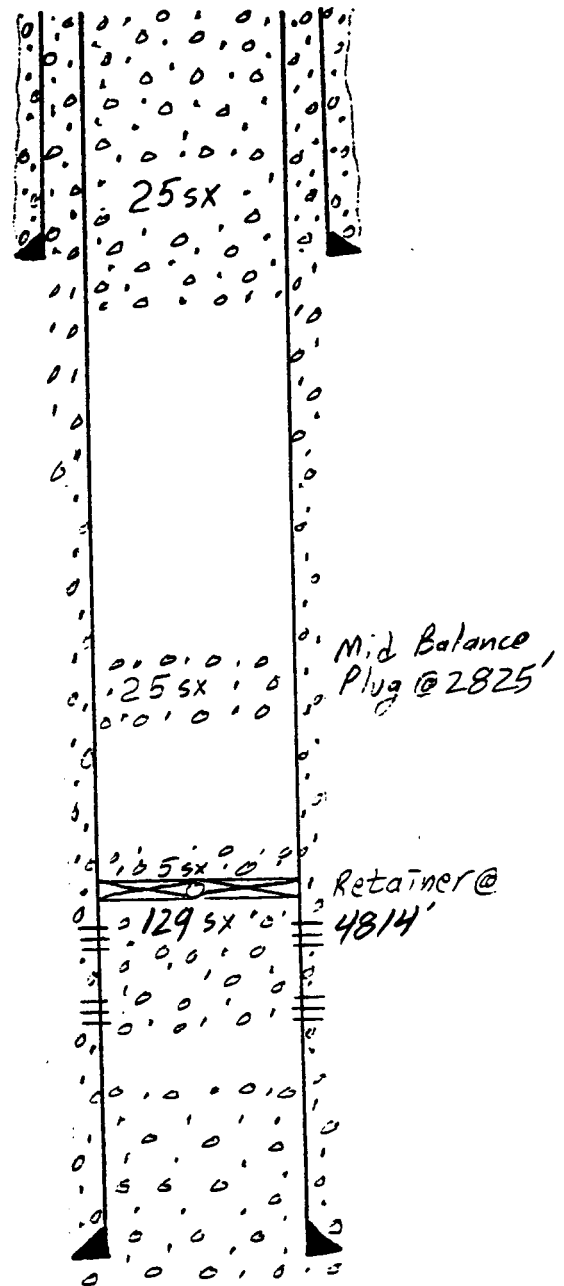
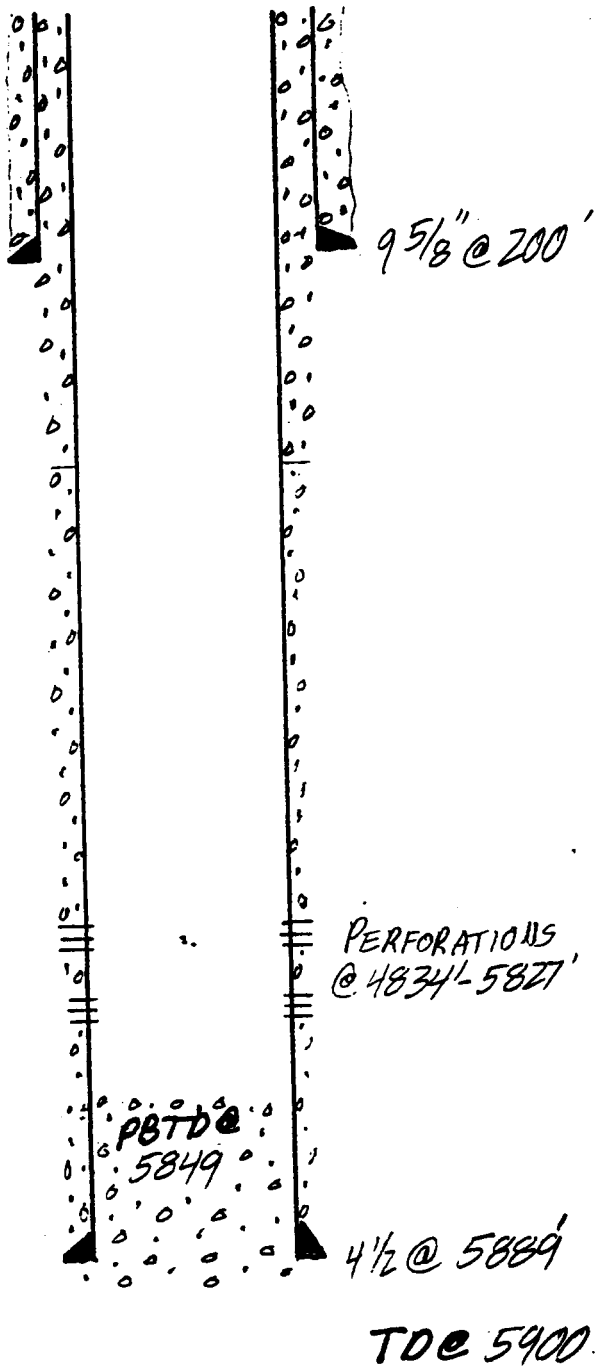
SURFACE CEMENT:

Cement: Class "G" + 2% Calcium Chloride  
Weight: 15.8 ppg  
Water: 4.98 gal/sk  
Yield: 1.16 ft<sup>3</sup>/sk

BEFORE

C16E #53

AFTER



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Coastal Oil &amp; Gas Corporation

## 3a. Address

P.O. Box 1148, Vernal UT 84078

## 3b. Phone No. (include area code)

(435)781-7023

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 6, T10S, R22E  
1873' FSL & 1197' FWL

## 5. Lease Serial No.

U-01195

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA/Agreement, Name and/or No.

Natural Buttes Unit

## 8. Well Name and No.

Cige #53

## 9. API Well No.

43-047-30533

## 10. Field and Pool, or Exploratory Area

Natural Buttes

## 11. County or Parish, State

Uintah UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other P&A

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Pumped 112 sks Class "G" Cmt below ret. Dump 48 sks 15.8 Class Cmt. Top @4169' POOH to 4100'. Displace hole w/65 Bbls 10# brine water. Test Csg. to 500#, PSI held okay. POOH to 2810'. Pump 25 sks 15.8 Class "G" Cmt. Cmt top @ 2480'. POOH to 1214'. Pump 25 sks 15.8 Class "G" Cmt. Cmt top @ 884'. POOH to 263'. Pump 20 sks 15.8 Class "G" Cmt to surface. POOH L/D Tbg. Cut off well head. RIH w/80' of 1" and fill annulus w/5 sks 15.8 Class "G" Cmt. POOH w/1". Rig down. Install dry marker. Well P&A'd on 5/3/00.

Please refer to the Down Hole Diagram and Chronological Well History.

RECEIVED

MAY 15 2000

DIVISION OF  
OIL, GAS AND MINING14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Katy Dow

Title

Environmental Jr. Analyst

Date 5/8/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## DIVISION OF OIL, GAS AND MINING

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

**CHRONOLOGICAL HISTORY**

CIGE #53      Page 1  
SEC. 6-10S-22  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100.000% CIGE

---

**AFE, P & A**

**05/02/00      PREP TO RIH W/ CSG SCRAPER.**  
PROG: MIRU. RIH W/ 2 3/8" TBG TO PBTD @ 5620'. POOH W/ TBG. THICK SCALE F/ 4600' - 5827'.  
(DAY 1)

**05/03/00      PREP TO PUMP CMT.**  
PROG: RIH W/ BIT & SCRAPER. TAG PBTD @ 5849'. RIH W/ CMT RETAINER. SET RET @ 4814'.  
(DAY 2)

**05/04/00      WELL P & A'd 5/3/00.**  
PROG: PUMP 112 SXS CMT BELOW CMT RET. DUMP 48 SXS ON TOP OF CMT RET. TOC @ 4169'.  
PU TO 4100' & DISPLACE HOLE W/ 10# BRINE WTR. TEST CSG TO 500# - HELD. PU TO 2810'. SPOT  
25 SXS CMT. TOC @ 2480'. PU TO 1214'. SPOT 25 SXS CMT F/ 884' TO 1214'. PU TO 263'. PUMP  
20 SXS CMT F/ SURF TO 263'. POOH. CUT OFF WELL HEAD. RIH W/ 1" TBG DN 4 1/2" X 9 5/8" CSG  
ANNULUS TO 80'. FILL ANNULUS W/ 5 SXS CMT. INSTALL DHM. FINAL REPORT.  
(DAY 3)

**RECEIVED**

MAY 15 2000

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

**U- 01195**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.

**Natural Buttes Unit**

8. Well Name and No.

**Cige #53**

9. API Well No.

**43-047-30533**

10. Field and Pool, or Exploratory Area

**Natural Buttes**

11. County or Parish, State

**Utah UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Sec. 6, T10S, R22E**

**1873' FSL & 1197' FWL**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                  |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                  |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>Seeding</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>Notice</b>  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**The subject well has been recontoured and reclaimed. The seeding will occur when weather conditions permit.**

**RECEIVED**

**SEP 11 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Katy Dow**

Title

**Jr. Regulatory Analyst**

Date **8/31/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-01195	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other P&A				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation				7. UNIT AGREEMENT NAME Nautral Buttes Unit	
3. ADDRESS OF OPERATOR P.O. Box 1148, Vernal UT 84078 (435)781-7023				8. FARM OR LEASE NAME CIGE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1873' FSL & 1197' FWL At top prod. interval reported below  At total depth 5900'				9. WELL NO. #53	
14. API NO. 43-047-30533				10. FIELD AND POOL, OR WILDCAT Natural Buttes	
DATE ISSUED 11/2/78				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T10S, R22E	
15. DATE SPUDDED 1/19/79				12. COUNTY Uintah	
16. DATE T.D. REACHED 3/5/79				13. STATE UT	
17. DATE COMPL. 4/25/79				18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5102' UNGR	
20. TOTAL DEPTH, MD & TVD 5900'				19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD 5849'				22. IF MULTIPLE COMPL., HOW MANY P&A or 5-3-08 (Plug & Abd.)	
23. INTERVALS DRILLED BY →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) P&A	
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN DIL - FDC - CNL	
27. Was Well Cored YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) Drill System Test YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		36#		222'	
4 1/2"		11.6#		5889'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) P&A					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
P&A					
33. PRODUCTION					
DATE FIRST PRODUCTION P&A		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)			WELL STATUS (Producing or shut-in)
DATE OF TEST N/A		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE →	GAS - MCF.	WATER - BBL.
					GAS - OIL RATIO
					OIL GRAVITY - API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) P&A					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Form 8 Attachment					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available information. SIGNED Cheryl Cameron TITLE Sr. Regulatory Analyst NOV 30 2001 11/7/00					

See Spaces for Additional Data on Reverse Side

RECEIVED  
DIVISION OF  
OIL, GAS AND MINING

## FORM 8 ATTACHMENT

CIGE #53

Pumped 134 sks Class "G" Cmt below ret. Dump 15 sks 15.8 Class "G" Cmt. Top @ 4132'. POOH to 4100'. Displace hole w/ 65 Bbls 10# brine water. Test Csg. to 500#, PSI held okay. POOH to 2810'. Pump 25 sks 15.8 Class "G" Cmt. Cmt top @ 2428'. POOH to 1216;. Pump 25 sks 15.8 Class "G" Cmt. Cmt top @ 888'. POOH to 263'. Pump 30 sks 15.8 Class "G" Cmt to surface. POOH L/D Tbg. Cut off well head. RIH w/80' of 1" and fill annulus w/47 sks 15.8 Class "G" Cmt. POOH w/ 1". Rig down. Install dry hole marker.

Well plugged and abandoned on 5/3/00.

**RECEIVED**

NOV 30 2000

DIVISION OF  
OIL, GAS AND MINING

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

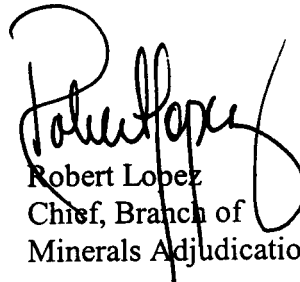
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

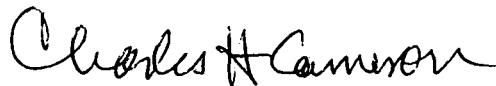
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





# United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "Perry E. Brown", is written over a horizontal line.

**ACTING**

Director, Office of Trust Responsibilities

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

City Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE 

DATE

12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 20005. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**  
6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED EXHIBIT "A"**

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 141	06-10S-22E	43-047-32017	2900	FEDERAL	GW	P
CIGE 179-6-10-22	06-10S-22E	43-047-32400	2900	FEDERAL	GW	P
NBU 243	06-10S-22E	43-047-32930	2900	FEDERAL	GW	P
NBU 116	06-10S-22E	43-047-31925	2900	FEDERAL	GW	P
NBU CIGE 74D-6-10-22P	06-10S-22E	43-047-30953	2900	FEDERAL	GW	S
CIGE 196-6-10-22P	06-10S-22E	43-047-33003	2900	FEDERAL	GW	P
NBU 341	06-10S-22E	43-047-33726	2900	FEDERAL	GW	P
NBU 340	06-10S-22E	43-047-33725	2900	FEDERAL	GW	PA
NBU 340X	06-10S-22E	43-047-34015	2900	FEDERAL	GW	P
<del>NBU CIGE 53-6-10-22</del>	06-10S-22E	43-047-30533	2900	FEDERAL	GW	PA
NBU 84V	06-10S-22E	43-047-31245	2900	FEDERAL	GW	PA
NBU 344	07-10S-22E	43-047-32931	2900	FEDERAL	GW	P
CIGE 282	07-10S-22E	43-047-34436	2900	STATE	GW	P
NBU CIGE 23-7-10-22	07-10S-22E	43-047-30333	2900	STATE	GW	P
NBU CIGE 83D-7-10-22	07-10S-22E	43-047-30865	2900	STATE	GW	PA
CIGE 141-7-10-22	07-10S-22E	43-047-31970	2900	FEDERAL	GW	PA
NBU 470	07-10S-22E	43-047-34833	99999	STATE	GW	APD
NBU 343	08-10S-22E	43-047-33719	2900	FEDERAL	GW	P
CIGE 250	08-10S-22E	43-047-33743	2900	FEDERAL	GW	P
NBU 245	08-10S-22E	43-047-33004	2900	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/24/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/24/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Operations Manager

SEP 10 2003

DIV. OF OIL, GAS & MINING

9-2-2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1
CIGE 014	9-1-21 NESW	UTU01196B	891008900A	430473048400S1
CIGE 018	2-10-21 NWNE	ML22652	891008900A	430473047100S1 ✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1 ✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1 ✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1 ✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1 ✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1 ✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1 ✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1 ✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1 ✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1 ✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1 ✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063500S1
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1
CIGE 075D	8-10-21 SENE	UTU01791	891008900A	430473095400S1
CIGE 076D	9-10-21 NENE	UTU01416	891008900A	430473095500S1
CIGE 077D	10-10-21 SESE	UTU0149079	891008900A	430473095600S1
CIGE 078C	16-9-21 NENW	UTU38409	891008900A	430473087000S1
CIGE 079D	1-10-21 NENE	ML23612	891008900A	430473089600S1 ✓
CIGE 080D	2-10-21 NWNW	ML22652	891008900A	430473085300S1 ✓
CIGE 081D	4-10-21 NENE	ML22940	891008900A	430473085400S1
CIGE 086D	16-9-21 SWSE	ML3282	891008900A	430473088600S1
CIGE 087D	34-9-21 NENE	U01194A	891008900A	430473086900S1 ✓
CIGE 088D	15-10-21 NWNW	UTU01791A	891008900A	430473095800S1
CIGE 089D	34-9-22 SENE	UTU0149077	891008900A	430473114600S1
CIGE 090D	9-9-21 NWNE	UTU01188A	891008900A	430473114900S1
CIGE 091D	15-9-21 NWNE	UTU01188	891008900A	430473115100S1

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

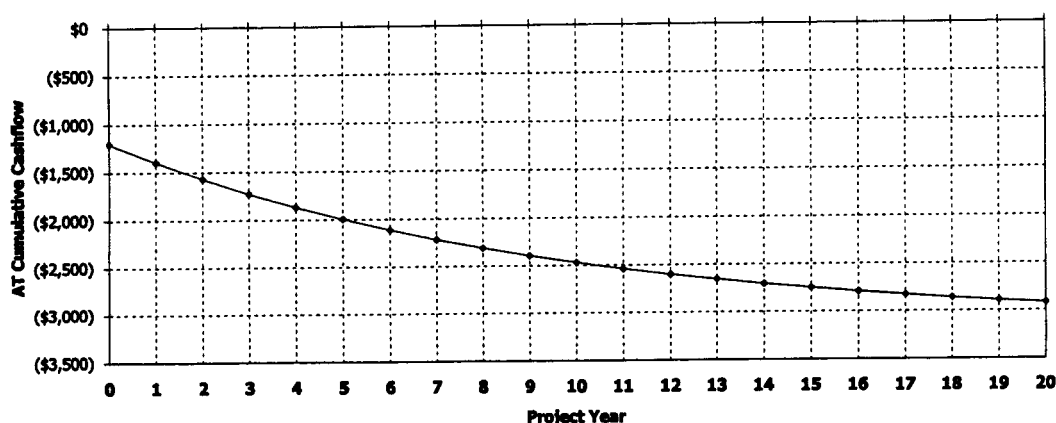
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 6 ops of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: (New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

WELL NAME

SEC TWN RNG

API NO

ENTITY NO

LEASE TYPE

WELL TYPE

WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MIN. (D-12)